Holstein WORLD

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A Star of Stars

BROWNS MISTRESS CORRINE 2645677
Famous Grand Champion and Best Udder Winner with Principals in recent sale — Frank to C. M. Bottema & Son at $67,750.

In This Issue

Program of Purebred D C Association

Westfall Index For Cows

State B & W Shows

THE ONLY ONE

KYLAND ROSALIND VALE
Excellent
2y 4m 2X 805 Lbs. Fat

"VALE" is the only cow to make 800 lbs. fat as a junior 2 year-old and also be classified Excellent.

AN IDEAL COMBINATION of TYPE and PRODUCTION

KYLAND GALLANT LAD is the son of "Vale" sired by a son of Pabst Roamer, the Excellent, Gold Medal proven sire, from a 2-year-old daughter (Very Good) of Recovery, a Gold Medal proven sire.

GALLANT LAD'S sons from our cows rich in Gold Medal breeding will make good herd sires.

WRITE US YOUR REQUIREMENTS

A. R. and H. I. R. Testing T. B. Accredited; Bangs Certified Calfhood Vaccinate

KYLAND

Frank Case, Manager Route 1, Oconomowoc, Wis.

Our Latest 1000-Lb. Cow—

CANARY PEARL DEYSHER (VG)
Dy.-305d-3X 28139 3.6 1023.4

CANARY PEARL DEYSHER

Classified VG

28139 M. 3.6% 1023.4 F.

On 3X Milking

Second High in Connecticut on 3X

She is the fifth cow of the breed to make over 1000 lbs. fat on 3X in New England, and the second to do so at Osborndale, the other being Gay Rag Apple Segis with 1009 lbs. fat.

She was bred by Amherst B. Weeks of Vermont, who consigned her to the New England Sale of 1947, where we purchased her.

We have other good records recently completed or soon to be completed. Our testing program has been going on without a break for about a quarter of a century, during which time we have been able to build up a number of Cow Families from which breeders can select herd sires with every confidence.

Visitors are always welcome. Come in and talk over your breeding problem with us.

OSBORNDALE — Derby, Conn.

F. M. NICHOLS, Manager — MRS. W. S. KELLOGG, Owner — HANS JENSEN, Herdsman

DUNLOGGIN WOODMASTER

Dunloggin Axemaster

"Very Good"

A Former Irvington Sire

DUNLOGGIN REXODIE

DUNLOGGIN AXEMASTER (V.G.) has about thirty-five milky daughters in our herd, and in addition we are now using three of his sons. Axemaster's sire was Dunloggin Woodmaster (Gold Medal), his dam was Dunloggin Rexodie, granddaughter of King Bessie Mabel Susie and great granddaughter of Ormsby Sensation, Johanna Rag Apple Pabst, and Pietertje Ormsby Mercedes Della. Rexodie is a maternal sister to Dunloggin Design, Designer and Design Again, and she is the dam of Dunloggin Model (V.G.) who is a full brother to Axemaster.

We like the Axemasters and we also like his sons' daughters. The Axemasters (up to 542 fat 305d 2X) contributed their part toward our DHIA year just completed with 192 cows averaging 10,845 lbs. milk, 375 lbs. fat, 2X—and about sixty-five of these being first-calf heifers.

Our Axemaster sons are from a daughter each of Dunloggin Master Stroke, King Bessie Mabel Susie, and Lauxmont Rosetad Della—thus all returning to the front of the greatest Dunloggin animals. Axemaster himself is now owned by Mr. John McCausland, Henderson, W. Va.

Irvington Farms

W. L. KING
Owner

GAITHERSBURG, MARYLAND

W. L. (Billy) KING
Manager

Published First and Third Saturday of Each Month — Price $3.00 Per Year
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OUR JUNIOR HERD SIRE

PABST ROAMER DEAN WALKER LAD "V.G."
All-American 2-year-old, 1949.
Member Reserve All-American Produce, 1948.

— HIS SIRE —

PABST ROAMER "Ex"
Gold Medal Proven Sire.
Sire of 4 All-Americans and
5 Reserves.

— HIS FULL SISTER —

PABST ROAMER DEAN WALKER "Ex"
All-American 2-year-old, 1948.
2y 21,243 M. 3.7% 790.7 F. 2X
2y 18,278 M. 3.7% 678.5 F. 305d

The first calves of Pabst Roamer Dean Walker Lad are now arriving. He already has a fine lot of offspring in the John Mell herd. One of his calves was Grand Champion of the Junior Fair. Dane County, in 1948, another Grand Champion at the same show in 1949, and another 1st Senior Calf at Columbia County 4H Show, 1949.

His sire, Pabst Roamer, has 50 daughters with first calf records that average 17,839 lbs. of milk, 3.66% and 654.3 lbs. of fat on three-time. One daughter holds the U. S. record as a junior 2-year-old and two others hold Wisconsin State Records. A senior 4-year-old recently made 944 lbs. of fat, 3.8% on three-time.

Walker's dam is Pester Colantha Dean Ormsby Ferd, classified Very Good, and with an 8-year-old record of 20,653 lbs. of milk, 4.4% and 902 lbs. of fat. She is the dam of two All-Americans and of the 1948 Reserve All-American Produce.

Write for pedigrees of Burke bred bull calves and information for securing semen.

PABST FARMS, Inc. Acc. & Neg. **Oconomowoc, Wis.**

A Grand Trio

In This Dam and Two Daughters

Some of Her Qualities As a Great Dam

She was our first cow to make 400, 500, and 600 of fat and will be our first cow to go over 800. She should very easily break the Oklahoma State Record this year on 5X.
Her two daughters were first produce at the 1950 Tulsa Spring Classic, first at our B & W Show and third at the Kansas City Royal Show.
Her two daughters have both made over 500 of fat with first calf on 2X.
She is a granddaughter of the Excellent proven Forum Stylist Monogram.

— DAM —

ORMSBY DIXIE CARNATION HOMESTEAD (VG)
6y 1m 3214 2X 81H 604.5 F, 3.7% 16300 M.
5y 1m 3114 2X 81H 528.1 F, 3.5% 14886 M.
7 yrs. 1st 271 days on 3X, 712.0 Fat, 3.6%

— THE DAUGHTERS —

PRODUCE OF ORMSBY DIXIE CARNATION HOMESTEAD
(nearest the camera) **Ormsby Tessie Homestead (GP)** with a first calf record of 584.8 lbs. fat, 15,618 lbs. milk in 333 ds. (left) **Countess Carnation Chieftain (VG)**—517 lbs. fat, 2X, 327 days, made with first calf and while on the show circuit.

This produce of dam that was first at Tulsa and third at the Kansas City Royal Show (1950) is made up of full sisters, double granddaughters of Shungavalley Homestead Lad. The lighter colored heifer, "Countess", in 1949 was first at the Tulsa Spring Classic, NE Oklahoma B & W Show, Kansas City Royal, Sooner State Dairy Show, Muskogee State Fair and at the Tulsa State Fair where she was grand champion and best addered cow. She was second this year at both Tulsa Classic and the Kansas City Royal. Her full sister was fifth at the Tulsa Spring Classic and eighth at the KC Royal this year.

We are planning to use "Dixie's" son born October, 1949, in our own herd. He is by a son of Jule King Fobes that is out of VG Crescent Beauty dam. He is a handsome individual—with such a dam and with two maternal sisters such as the two above, we are expecting a lot from him.

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OKLAHOMA

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Throughout the year
Promotes Interest in Your
Breeding Program —
Produces BETTER Sales

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Lacona, New York

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Lederle

A Purer Form Of The Golden Drug

Double The Concentration Without Increased Cost To You

Tubes of AUREOMYCIN OINTMENT for Udder Infusion now contain AUREOMYCIN in Crystalline form, a product of high purity.

Each ready-to-use tube of AUREOMYCIN Crystalline OINTMENT for Udder Infusion contains *twice* as much AUREOMYCIN as formerly. Production know-how has made it possible to double the concentration without increasing the cost to you.

AUREOMYCIN Crystalline OINTMENT is

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- MORE EFFECTIVE THAN PENICILLIN
- ACTIVE FOR MORE THAN 48 HOURS
- WILL NOT INTERFERE WITH REGULAR MILKING HOURS
- FLOWS FREELY AND SPREADS RAPIDLY THROUGHOUT THE UDDER
- REQUIRES NO SYRINGE OR MILK TUBE
- PACKAGED READY TO USE, WITH SMALL ROLLED-IN INFUSION TIP, AND FULL INSTRUCTIONS FOR PROPER USE

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In cases of acute septic mastitis, in addition to udder infusion, the injectable form of SULMET* Sulfamethazine *Lederle* should be used, by or on the advice of a veterinarian. Subsequent treatment may be conducted with SULMET OBLETS*, preferably under the direction of a veterinarian.

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*Reg. U. S. Pat. Off.

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Cashman Graceful Mister

ONE OF OUR HERD SIRES

A son of our senior sire, Deen Var Champion, out of our $10,000 cow, Dunloggin Mistress Gracious, 897-lb. daughter of Woodmaster from La Grace. We sold his full brother in the 1949 Earlville Invitational for $4,000.

— HIS SIRE —

DEEN VAR CHAMPION
Our senior sire, son of Dunloggin Deen Var from the twice 1000-lb. cow pictured below.

— HIS DAM —

DUNLOGGIN MISTRESS GRACIOUS
3 Yr 365d 2X 20927 M 4.2% 897.4 F.
(N. Y. State Record when made)
6 Yr 365d 2X 20188 M 4.0% 823.9 F.

NEWMONT MUTUAL M-O-W MAY
Dam of Deen Var Champion.
7 Yr 365d 2X 23702 4.4 1056.4
5 Yr 365d 2X 24374 4.2 1015.1

DUNLOGGIN ADDEEN (E)
Dam of Dun. Deen Var ($15,000)
6 Yr 365d 2X 23336 4% 1019.3 F.
4 Daughters, 879 to 936 F.

DUNLOGGIN LA GRACE
Dam of Mistress Grace.
4 Yr 365d 2X 21588 4% 866.9 F.
2 Daughters, 770, 891 and 897 F.

CASHMAN FARM

LEON C. MARTIN, Herd Supt.

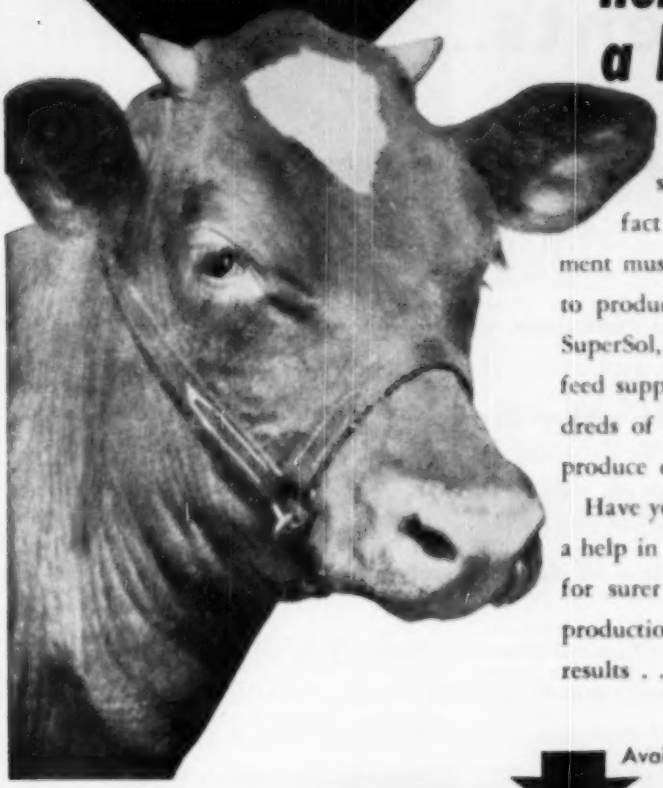
Hopewell Junction, New York

Choice...because

OF

FOREMOST FEEDERS

SUPERSOL *helps you build a better herd!*



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FREE!

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CALCIUM, PHOSPHOROUS
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With fall field days, picnics, shows and meetings getting under way every Holstein breeder has the opportunity to put his best foot forward and sell his neighbor on the Holstein breed.

Your neighbors are your best prospects . . . your selling efforts pay off right at your own front door.

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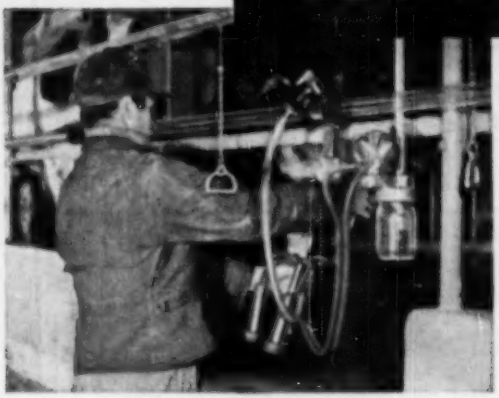
For full details, write . . .

The Holstein-Friesian Ass'n of America

Brattleboro, Vermont

Direct from COW to COOLER



Here, Everett Hughes of Castalia, Iowa, applies the teat cups. McCormick Parlor Milkers are made in four models. They fit any stall arrangement, any number of stalls, and any size milking parlor.

In the milk house, milk enters through the transparent line from the milking parlor. Plastic pipe, rubber couplings, can covers and gaskets, and glass moisture trap all are air tight, easy to clean.

You pipe milk direct with the NEW *McCormick* PARLOR MILKER

Takes the drudgery out of milking. Convenient, economical, labor-saving. Simple to assemble – easy to operate and to keep clean

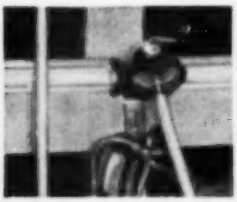
Think of it! With the McCormick Parlor Milker, milk goes from cow to can in the cooler – under *vacuum* all the way. Here is what that means to you!

You milk faster, easier. Your cows bring their milk to you – the pipe line carries the milk directly to the milk cans. No pails or milk to handle, no milk to pour or carry.

You get cleaner milk. Installation after installation of the new McCormick Parlor Milker has resulted in substantially cleaner milk. Milk is not exposed to air or excessive handling. Milk from each cow is strained *before* entering the milk line.

At a cost you can afford. Send in the coupon at the bottom of this page. Get the free booklet. Read for yourself how a McCormick Parlor Milker is comparable in cost to pail-type equipment – unit for unit. Read how simply it can be installed. How you can take it apart for easy – quick – thorough cleaning.

The supply of McCormick Parlor Milkers is limited due to great demand. Act at once. Send in this coupon now!



Here is a close-up view of the strainer. It strains each cow's milk separately, and acts as a sure check against the spread of mastitis and other udder diseases.

The McCormick Parlor Milker is easy to take apart for thorough cleaning. With only your hands, you remove the plastic milk line from the rubber couplings. It's easy to reassemble.

See your IH dealer for IH 5-Star Service . . . better 5 ways for all your farm machines.

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Gentlemen:
Please send me the free catalog on McCormick Parlor Milkers.

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mid-century 1950

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5-STAR SERVICE

BARRON COUNTY

Box 474 — **BARRON, WIS.**

"Scotty"

THE ACID TEST— on BOTH PRODUCTION and TYPE

Production—

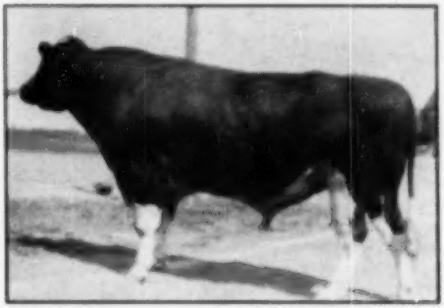
2nd proving HIR Mature 2X 305d basis:

12 prs. Dtrs.	avg. 14590 M.	5.8%	554 Fat
Dams	avg. 13280 M.	5.71%	495 Fat
Increase	1310 M.	.09%	61 Fat

1st proving DHIA Mature 2X 305d basis

26 prs. Dtrs.	avg. 14143 M.	5.7%	544 Fat
Dams	avg. 11210 M.	5.6%	431 Fat
Increase	2650 M.	.1%	113 Fat

OUR SENIOR HERD SIRE



TRANQUILLITY TRAILBLAZER BOAST 804538 - VG

Type—

IN THIS INBRED SON →

MEISERGRIER VAR HOESLY 1050428
A junior yearling inbred son of "Scotty"—note the slant

Sire: "SCOTTY" (VG)

Grandsire: Montvic Rag Apple Trailblazer

Granddam: Tranquillity Mechthilde Boast

Dam: (GP - 3 yrs.) "Hoesly" 2962848
2 rec. ME DHIA—2X 305d basis—16025 M. - 4.2% - 672 F.

Grandsire: "SCOTTY" (VG)

Granddam: (Fair) "Joe Bell" 2219229
5 rec. ME DHIA 2X 305d Basis—
284d 12758 M. 5.8% 480 F.

SCOTTY IS UNIFORM IN TRANSMITTING BOTH PRODUCTION AND TYPE

His sons and double grandsons are making the shows this year.

We may have one you like.

CLINTON STOCK FARM

"Best By Test" – Home Of The Meisergrier Ormsbys

PAUL HUERAS, Supt. — **BARRON, WIS.** — CARL J. NELSON, Owner

ELMOKA FARM

W. B. Barritt — Herb Spaeni

PROGRESSIVE BREEDERS REGISTRY
8 CONSECUTIVE YEARS
EIGHT-YEAR 2X HIR AVERAGE
12385 lbs. milk — 5.8% — 465 fat

ELMOKA JOE HOMESTEAD

Our next herd sire:

SIRE:
Elmoka Director
3rd prize jr. yrlg., 1946 Minn. state fair. His first three daughters show an 81-lb. fat increase over their dams. Paternal grandsire, — Pabet Direct, VG, 17 HT daughters ave. 494 F. Pat. granddam, Elmoka Jennie Homestead (Ex) 2X-HT-7 yrs., 21112 M. 4.1% 855 F.

DAM:
Elmoka Dictator Joy
In 211 days she has made 430 F. on 2X, HIR. Maternal Grandsire, Schutzholm Cherokee Dividend, VG, 1st prize Wis. bred bull at 1947 Wis. state fair. His 1st 3 daughters to finish lactations average 472 fat on 2X. Maternal granddam: — Elmoka Jennie Homestead — life record, 6 lactations 2X 102,437 M. 4111.9 F., 4%.

This young bull represents the best of the Homestead-Ormsby cross that has worked so well in our herd.

Why not visit us at the farm?

On Highway 25, three miles south of

BARRON, WISCONSIN

Midlane Vale Bess

One of Our Foundation Cows

HIR records:

2y	3m	321d	2X	9960	4.3%	429. F.
3y	3m	342d	2X	15556	4.4%	586. F.
4y	4m	365d	2X	14706	4.4%	652.8 F.
6y	3m	329d	2X	16891	4.6%	773. F.
7y	4m	334d	2X	15949	4.3%	686.5 F.

Milked up to 85 lbs. on 2X milking. Daughter of Don Duke Vale Ormsby.

We are building our herd on this cow and her paternal sisters.

MIDLANE FARM

CHETEK WISCONSIN

SOME PLUS PROVEN SIRES
BRED IN THE WISCONSIN STATE HERDS

AS SHOWN IN VOL. 6 OF THE GREEN BOOK (M. E. 305d 2X BASIS)

	No. Pairs	Lbs. Milk	% Fat	Lbs. Fat	Av. of Dtrs.
SOWISCOL DON PIET	6	+3830	+.40	+184	554
SOWISCOL B B CREATOR	20	+1860	+.51	+122	441
SOWISCOL MODEL KOVEKA	7	+1800	+.26	+98	528
SOWISCOL KING PRIDE FOBES	16	+1950	+.08	+81	501
WINNEBAGO SIR TULIP MAY	11	+560	+.54	+78	454
WISCONSIN AAGGIE DELLA	10	+2940	—.16	+77	521
WISCONSIN KING OF THE DELLAS	7	+2580	—.14	+68	459
SOWISCOL TRIUNE PRINCE BESS 16th	14	+1920	+.13	+60	405
W I S ADMIRAL GEM	7	+1660	—.02	+59	495
W I S DELLA CRUSADER	5	+1490	+.04	+56	467
W I S NETHERLAND	10	+540	+.36	+52	410
W I S ROYAL LAD	15	+650	+.19	+47	463
WISFOB HARK TRITOMIA FRYSLAN	19	+1600	—.11	+46	439
WINNEBAGO SIR KING MAY OLLIE SEGIS	5	+590	+.25	+40	373
WISCONSIN BEAUTY VICKERY PRIDE	30	+1530	—.07	+40	433
WISCONSIN PINKY	20	—30	+.34	+39	422
SOWISCOL DON ECHO	6	—410	+.38	+37	547
WISCONSIN ADMIRAL BURKE LAD	32	+790	+.06	+36	480
WISFOB SIR PRIDE TRITOMIA	6	+360	+.18	+35	416
WISOF SENSATION MUSIC MASTER	17	+600	+.04	+27	461
WIS MENDOTA OLLIE PROGRESSOR	7	+1150	—.20	+16	424

These 21 Plus-Proven Sires carry the prefixes of seven of our Wisconsin State Institution Herds. Some of them were proven in our own herds, others in numerous other herds all over the country. Note the high level of production and the good number that are Plus all the way across the board. Many others with plus provings could be listed if space permitted.

Wisconsin State Dept. of Public Welfare

W. W. KINYON, Farm Supervisor — STATE CAPITOL, MADISON, WISCONSIN

"DUNLOGGINS" OF OHIO

★ ★ ★

THE LEADING BREEDERS ARE BUYING ON THE BREEDING THAT MAKE DUNLOGGINS FAMOUS

Our Junior Sire

FLEET WINGS DELMASTER LYNN

You'll find his pedigree on page 74 of your Bull Bargain Issue. His dam, Dunloggin Mistress Lieen, has 870 lbs., 799.7 lbs. and 730 lbs., each with 3.9% test, 2X milking, and is now promising over 900 lbs. Her dam is "Lieen," next dam "Adeen."

HIS CALVES ARE COMING!

The first one arrived August 1st, 1950—a honey, from a daughter of Launxmaster. There will be some bargains here—better keep them in mind.

DELWOOD FARM

T.B. and Bang's Accredited

DON PHILLIPS — DAMASCUS, OHIO

DUNLOGGIN DARKMASTER

One of Woodmaster's highest proven sons — 125-lb. fat increase on the first 15 dam-daughter comparisons, with the dams averaging over 400 lbs. fat, all 2X.

We have over 40 "Darkmaster" daughters in the herd. We are shipping 220 gallons of milk a day since August 1st, from 31 cows. If you are looking for better production and fat in your future herd, we are at your service.

YOUNG BULL SPECIAL: "Mistress Pietje," Darkmaster's 938.9-lb. 2X 4-yr.-old, freshened August 5th with a 148-lb. bull calf. If you are in Cleveland in the near future, stop and see her and her beautiful calf. Only 17 miles from the square.

TEMPLEOGUE FARMS

ROUTE 2 — HUDSON, OHIO

WE HAVE TWIN BULLS

From An 884-Lb. Dam

CAROLDALE MASTER PRIDE

Sire of the twin bulls, he by our proven son of Woodmaster and out of Cornell Pride Lassie.

The dam of these twins is a "Rear Admiral" daughter with 670 lbs. at 5y; 884.6 lbs., 4.1%, at 6y; 560 lbs., 4.2%, 2X, at 7½y; and 704.5 lbs., 4.3%, 2X, at 8½y. Send today for full details. Calves were born July 24th, 1950.

CAROLDALE FARMS

DAMASCUS, OHIO

C. T. SHREVE, Owner — ELGIE BOYLE, Herdsman

OUR BATTERY OF SIRES:

LAUXMASTER
DUNLOGGIN ORMSBY MASTER SYLVIA
OSBORNDALE LOCHINVAR

You will see all three of them in our three DUNLOGGINS of OHIO herds here at Damascus. All are in heavy service. We have now, or will have in the weeks ahead, offspring of all three bulls for sale, from high record dams (AR and HIR).

We think we have one of the strongest batteries of herd sires you will find anywhere — all of Dunloggin bloodlines — all from great dams and great female families.

It's worth a trip to Damascus to see them. Plan a trip when your crops are in and see the job they are doing!

LARWOOD FARM

DAMASCUS, OHIO

GLENN SHREVE, Owner — JOHN BLAISMAN, Herdsman

The Styleline De Luxe 4-Door Sedan

So easy to operate . . . so economical to own!

You get a thrill of pleasure every time you see the sleek good looks of your Chevrolet! It's a thrill you'll enjoy for years, too, for Chevrolet has the kind of styling that lasts. Fourteen smart Styleline and Fleetline body types are offered, in a wide variety of sparkling color combinations.

You see where you're going and you like the way you go in Chevrolet! The wide curved windshield and generous window area give you vision that's tops for sight-seeing . . . tops for safety. You're free to enjoy the luxury of "five-foot seats" . . . that rich Fisher Body interior.

Examine all of Chevrolet's big-car features. They look expensive. Then examine Chevrolet's prices—and what a pleasant surprise to learn it's the lowest priced line of all! That's why Chevrolet is America's No. 1 favorite . . . why you'll be better off in every way when you choose Chevrolet.

Grades and rutted roads a problem in your area? Chevrolet offers you two practical, thrifty solutions—the new 105-h.p. Valve-in-Head engine with Powerglide automatic transmission,* or the standard Valve-in-Head engine with Synchro-Mesh transmission. They're both equal to any road.

Chevrolet's roomy trunk takes care of your bundles on vacation or shopping trips . . . conveniently pops open at the twist of a key! Center-Point steering with Unitized Knee-Action ride, airplane-type shock absorbers and wider tread tires assure you a smoother and safer ride on all roads.

CHEVROLET

WITH **POWERGlide**

AUTOMATIC TRANSMISSION*

Get ready to enjoy the simplest, smoothest driving in the low-price field when you step into a Chevrolet with Powerglide Automatic Transmission.*

For Powerglide takes most of the work of driving completely out of your hands. All you do is set the lever in "DRIVE" position, press on the accelerator—and go! There's no clutch pedal . . . no gearshifting to bother you. There's just a smooth flow of power from the big 105-h.p. Valve-in-Head Engine that carries you at any speed, over any road, without lag, drag or roughness.

Yours to enjoy, too, are all the other big-car advantages that Chevrolet offers . . . all the traditional features for comfort, safety and economy that Chevrolet alone in its price class brings you. So, see your Chevrolet dealer today. See for yourself why the smart and spirited Chevrolet is indeed the ideal farm car!

**Combination of Powerglide Automatic Transmission and 105-h.p. engine optional on De Luxe models at extra cost.*

CHEVROLET MOTOR DIVISION, *General Motors Corporation*
DETROIT 2, MICHIGAN

FIRST . . . and Finest . . . at Lowest Cost!

BUY KANSAS HOLSTEINS

THE DONS
THE ROCKS
THE LUCIFERS
Are Doing Fine

We think that a young bull by one of these sires and from a daughter of another would do a good job in almost any herd.

Meyer Dairy Farm Co.

"Home of the Spring Rocks"

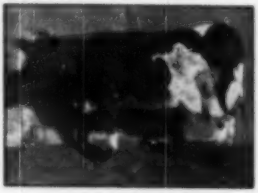
GROVER G. MEYER & SONS, HASEHOR, KANSAS

PABST DOUBLE ROAMER

CLASSIFIED VERY GOOD

A son of Pabst Roamer, his first daughters are due to freshen in early fall and are especially nice. A daughter was first blue Sr. Yrlg., and his Jr. Get was first blue at our B & W Show this spring.

A son of Pabst Double Roamer is available from Collins Farm Burke Helen (VG), born April 19, 1950. He is nicely marked and carries the fine dairy temperment of the Roamer offspring.



COLLINS FARM BURKE HELEN (VG)

Helen's records: (2X)
2y 10,614 Milk 3.6% 381.7 Fat
3y 18,938 Milk 3.5% 672.0 Fat
4y 16,975 Milk 3.4% 580.1 Fat

Her dam at 9y 604.1 fat, 3.7%.

Full pedigree of this outstanding bull calf sent on request.

HARVEY BECHTELHEIMER

SABETHA, KANSAS

PROGRESSIVE BREEDER 1949

THREE IMPORTANT ANNOUNCEMENTS

PABST BURKE TRITOMIA

- **Pabst Burke Tritomia's** first proving figures recently announced show:
  Plus 4140 lbs. Milk 3.8% 160 lbs. Fat.
- **One of his daughters makes over 600 lbs. fat**—Beezley Farm Burke Sarah at 4y 1m (8A) has 604 lbs. fat with 30 days to run.
- **A son of "Sarah"—sired by Leo Grusby Lad**—has been re-acquired for service to daughters of Burke.

If you haven't visited the farm recently, better plan a trip to southeast Kansas.

BEEZLEY DAIRY FARM

R. C. & WM. M. BEEZLEY GIRARD, KANSAS

SOVEREIGN SUPREME

ALL KANSAS SENIOR YEARLING BULL 1950

We have shown you his All-American sire and his Very Good dam. **Now here is Sovereign Supreme himself, the All-Kansas Senior Yearling bull for 1950.** He also placed second at the American Royal Dairy Show at Kansas City.

His calves are just starting to arrive but we have older ones sired by Colony Vronka Sir Hengerveld Rith, one from a VG dam with five records averaging 518 lbs. fat. Can also spare some heifers bred to the Colony bull and to Sovereign Supreme.

Our 1949 HIR average:
11,650 Milk — 420 Fat — 25 cows — 2X.

PLEASANT VALLEY HOLSTEIN FARM

Leo H. Hostetler

3 Miles East of HARPER, KANSAS, on Hiway 160

BUY KANSAS HOLSTEINS

A NEW STATE RECORD

In the 1948 Kansas State Sale, Abram Thut, Clearwater, Kansas, purchased Macksimum Pat Bev Vanity, a bred heifer of depth and substance. After she freshened, Mr. Thut decided to run her on AR test, the results—

A New State Jr. 2-Yr.-Old Record
616 Fat 17,369 Milk 3X
She classified Good Plus at two years.
All this is not by accident.

Her dam's sire and her sire's dam are by Mount Rigs Skylark Homestead, Silver Medal Type Sire. Her own dam, Macksimum Tad Beverly, 543 F 4%. Her sire is maternal brother to Mack. Femco Patsy, owned by the Heeds at Lyons, 5 lactations averaging 600 F., and we have a maternal sister with 525 F. 2 yrs. The Thut heifer is maternal sister to Stone's "Beverly" with 614 F. (VG).

We have sons available of our son of Montvic Rag Apple Sovereign or by "Request" out of our other daughters of the sire of the Thut heifer.

McVay's

NICKERSON KANSAS

Introducing

FOREMOST

Our Double Grandson of

WISCONSIN ADMIRAL BURKE LAD

Weber Admiral Burke Foremost is one of our young herd sires. His calves are now arriving and a word about "Foremost" may be of interest.

He is from the Utah State Industrial School at Ogden, Utah, where Burke was first used. His dam is Weber Burke Dora, an Excellent daughter of Burke and she carries the Pinky-Burke cross that was most successful.

"Foremost's" sire is Pabst Governor, a Burke son from Governor Ormsby Segis. This cow was also the dam of King Creator Champion Segis.

DALE KUBIN

DALE-MAR FARM McPHERSON, KANSAS

JOIN THE RAG APPLE PARADE!

At the National Convention Sale at Syracuse, 38 animals cataloged were carrying Rag Apple breeding, 15 were Dunloggins.

In the Burgeson Sale at Grandview, Mo., on June 23, a sale that made history in the southwest, 57 animals were Rag Apple bred. Average, many calves under one year, $549.

In the Franlo sale (average $1088) approximately half of the animals sold were of Rag Apple breeding.

Our classification average better than 85.5%, four Very Good, seven Good Plus, Four Good.

All mature females of Dunloggin breeding, bulls for sale of Rag Apple-Dunloggin cross from 400-lb. two-year-olds to 600-lb. cows on IX.

Our Pathfinder son daughters showing excellent promise as to type and production.

CALFHOOD VACCINATED — T.B. ACCREDITED

MOTT & KANDT

WHITEHALL DAIRY FARM, HERINGTON, KANS.

Sale Day is Passed

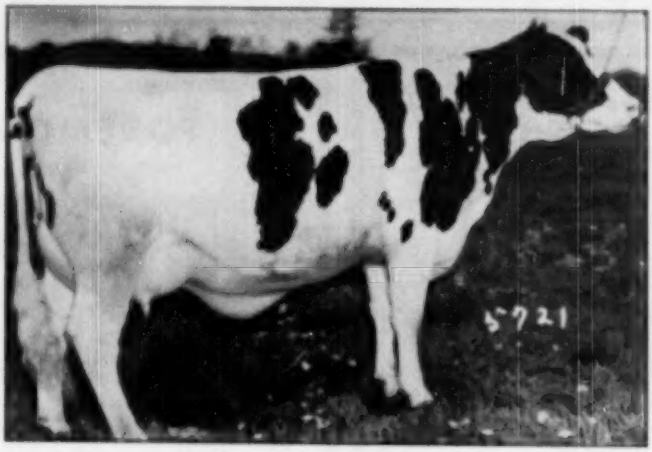
We want to express our appreciation to those who supported our sale so generously.

Our girls like Janet, Inka, Prince, Beverly, Medrith, Tess, Tidy, Echo, La-Vin and the rest are now scattered into several different states.

Our sentimental wish is that they will find the same appreciation in their new homes that they had in ours.

GEORGE AND DWIGHT STONE
100 E. Steip

MEDICINE LODGE KANSAS



CARNATION SKYLARK WAYNE
First Prize Junior Calf.
Grand National and Western Washington Fair, 1948.
Now On Test.

Want A Son of This Beautiful And Promising Heifer?

Above is pictured one of the many beautiful daughters of the Junior Champion bull, Carnation Homestead Revelation. She's a real dairy animal, now on test and looking forward to a real future. Her dam is a daughter of 3-times All-American Carnation Governor Imperial, and out of a 962-pound foundation cow.

We now have a bull calf, Ear Tag 8781, born May 8, 1950, out of this heifer and sired by Carnation Professor (whose dam is a full sister to Reserve All-American Carnation Ensign, and whose sire is Hallrose Progressor.)

We recommend this bull to the man who is interested in improving type and udders, as well as production.

Send For Full Details Today. Address:

CARNATION MILK FARMS,
116a Smart Building,
Seattle 1, Washington

Carnation Milk Farms

Holstein-Friesian World

August 19, 1950 ★ The Newspaper of the Breed ★

Purebred Dairy Cattle Association Program

By FRED IDTSE

Mr. Idtse is Secretary of the Purebred Dairy Cattle Association, and likewise of the Brown Swiss Cattle Breeders' Association. This report was presented at the recent annual meeting of the American Dairy Science Association.

The Purebred Dairy Cattle Association is an Association of the five dairy breed registry associations. The officers and representatives of the P.D.C.A. are breeders from each of the five dairy breeds; a policy of rotating the officers amongst the five breeds has been followed since its organization. The idea of the Purebred Dairy Cattle Association developed largely as a result of the cooperation of the five breeds in staging the "Court of Queens" in "The Dairy World of Tomorrow" sponsored by the Borden Organization at the New York World's Fair.

The Constitution of the organization outlines its objectives as follows: "The objects of this Association shall be to increase the interest of all dairymen in purebred dairy cattle. First, by cooperatively making available data showing the economic need and value of the registered dairy animal; second, to cooperate with and assist agricultural educational institutions in the United States in such projects and programs as will encourage the breeding of better dairy cattle through the use of purebred seedstock; third, by originating or participating in activities which will in the judgment of the members advance the interests of purebred registered dairy cattle."

Each member organization has three official representatives at the annual meeting, which has been held in January of each year. The association is financed by proportionate contributions from each of the five member organizations, on the basis of the three previous year's transfers.

The program of the Association has been made up of several projects, and the projects are carried out by Project Committees; each breed may or may not be represented on a Project Committee.

The recommendations of a committee must be approved by the annual meeting of the D.P.C.A., and also approved by the Boards of Directors or Executive Committees of the member organizations before becoming effective.

One of the first major projects undertaken by the Purebred Dairy Cattle Association was the development of a Uniform Score Card. Professor James Linn, of Kansas, suggested the need of a Uniform Score Card. Mr. John Clark, an officer of The American Guernsey Cattle Club served as chairman of this committee. He made a thorough study of the history of the development of score cards; he obtained suggestions from college people, judges and breeders from all sections of this country.

A Score Card was adopted in 1943 following its approval by the American Dairy Science Association. To date over a million and a half Score Cards have been printed and distributed largely for educational purposes.

The need for unification and standardization of the rules governing official testing was early recognized. Until the first uniform rules were adopted and printed in the fall of 1946, each breed had its own rules and the poor tester and supervisor of official testing had to try and keep in mind five different sets of testing rules. The task was not an easy one as each breed had some particular pet rules or terminology that was hard to get away from.

Mr. Karl B. Musser, Secretary of The American Guernsey Cattle Club, served as chairman of this committee; he was ably assisted by Mr. Floyd Johnston, who was then Extension Dairyman in Iowa and now Secretary of The American Jersey Cattle Club, and other members of the American Dairy Science Association. Since the first rules were adopted, they have been revised once and there is another revision that has been considered by your Association at this meeting. No rule changes become effective until they have been approved by the member organizations and the American Dairy Science Association. We have appreciated greatly the work done by your representatives on the testing rules committee.

A committee of long standing has been the Committee on Uniform Rules for Proving Sires and Dams. When Mr. H. W. Norton, Jr., Secretary of The Holstein-Friesian Association, became chairman of this committee, he persuaded Dr. Lush, Dr. Gilmore and Dr. Fohrman to serve with him on the committee. After five years' work, the committee, last January, brought in a final report which was approved and the committee discharged.

We have a committee on Type Classification, that is not only striving for uniformity amongst the breeds in the classification program, but also making studies as to how the program can be improved. Mr. C. T. Conklin, Secretary of The Ayrshire Breeders' Association, is chairman of this committee.

Following the war and before the fair programs were resumed, a recommended list of classes for dairy cattle at state and national fairs was adopted and sent to each of the fair managers. The recommendations have been adopted by all the major fairs of the country.

A suggested list of classes for dairy cattle at county fairs has been adopted and made available to county fairs. Mr. Glen Householder has served as chairman of a committee that has been working with the state fair managements to provide a suitable place with a desirable background where good pictures of the winners at the show can be taken.

In order that both seller and buyer may buy and sell with confidence, a code of ethics governing the sale of animals in public sales and at private treaty was drawn up and has been approved by the Purebred Dairy Cattle Association and all member organizations.

The need for greater uniformity in the health regulations governing the inter-state movement of cattle has long been apparent to everyone connected with the livestock industry. A committee working closely with the of-

(Continued on page 45)

The Westfall Index for Cows

By C. G. MORTIMER, Jr.

How one breeder has reduced to figures the performance in all important categories of each cow in his herd, resulting in a useful management tool to indicate the families to build on and those to cull.

Like all breeders, I'd like to have each of my yokes and all of my box stalls filled with excellent cows, and "excellent" as I use it here means type, production, test, and a long healthy lifetime rolled into one. But, like most breeders, I **don't** have a herd of such paragons and I do have some animals less desirable than others.

The problem I faced was the selection of the cows and the cow families from which to raise replacements which, hopefully, would improve the average of the herd. While I had available the advice of type experts and plenty of official production records, I found by experience that without reduction to figures and numerical comparison, even the most expert opinion is little more than a good healthy guess. So, after a lot of trial and error I have devised an index or management tool which I think is better than an educated guess. It shows I have more excellent cows than I thought I had and it proves to me that the "neglected factor" by most breeders is that of health.

Herd Classified Every Year

This development of an index came in three stages. The first was a detailed type classification, done annually for me for the seven years by my very good friend and trusted adviser, Otto G. Schaefer. Since Schaefer is an accredited Jersey judge and my herd is Holstein, there is no official conflict. All that is required is the painstaking devotion of an expert like Schaefer whose only reward is my devout appreciation.

With a "check" judge, who is invited annually to participate, Schaefer goes over each of some 55 milking animals literally from "head to toe." He follows the official Holstein score card and calls out a percentage rating for "forehead," "eyes," "horns," and so forth, down through the mammary system and finally to "hide and hair." These percentages are applied to the points given for the particular item, the individual performance is calculated, and the over-all classification is the total of the point rating of each of the parts.

Thus we have for a herd a way of locating strengths and weaknesses. We can see from a glance at a table of figures which families or groups have good mammary development, promising body size, weak legs, and so forth. I find this way of classifying gives proper weight numerically to each part of the cow and brings out, for instance, the merit of an animal with a wonderful udder, counting high, despite an uneven tail setting, counting low.

How Records Compared

However, "handsome is as handsome does," and as a business man-breeder

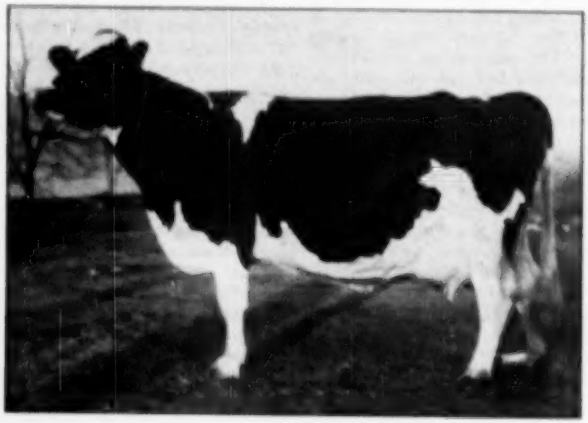
Perstein Tene Defender — Classified Very Good. An example of modest production made profitable by an unusually strong and long-lived health factor.

I must have performance that counts. While I found that most of the animals which had good type ratings also produced well it seemed to me that some of the higher type-rated animals were below par on performance. Therefore, I introduced production of both milk and fat in the second stage of the index development.

From the Holstein-Friesian Association I obtained the average on two-time milking of all the animals of each age from junior two-year-olds to mature animals. For example, the 2,307 junior two-year-olds, whose records the association has recorded, have averaged 9,471 lbs. milk and 330 lbs. fat in 305 days on two-time. Having this "par for the course," I decided that I was not interested in just average animals and arbitrarily added 25 per cent to the basic standard. In other words, if 9,471 lbs. is average for two-year-olds, I want mine to aim at 25 per cent better, or 11,839 lbs.

With this base it is easy to run a comparison with the actual record at each age of each animal. If, for a simple example, a junior two-year-old has a record of 11,839 lbs. milk and 413 lbs. fat, she scores 100 per cent each in fat and milk production as a two-year-old.

Next came the step of combining type, which is theoretical capacity for performance, and actual performance. Proper weighing suggested that we take 40 percent of the type rating and 30 percent each of the milk and fat production ratings. Thus if our theoretical two-years-old example with 100 percent on both milk and fat produc-



Elmvire Jewel Dutchland—Classified Excellent. Tops in the Westfall herd rating "Excellent" in type, milk and fat production, and health.

tion had been type classified at 83 percent, we would have these figures:

40% of 62 (type)	=	32.2 points
20% of 100 (milk)	=	20.0 points
20% of 100 (fat)	=	20.0 points
Index	=	92.2 points

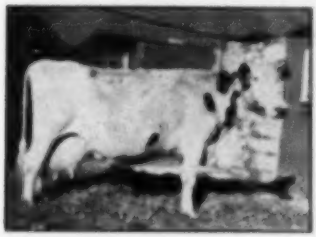
In this example is an indication of the significance of the first discovery. This theoretical heifer—and I have several almost identical actual animals—was type classified in the Good Plus range. But her production was so well above the official average for her age that the weighted combination places her in the Excellent range. It works both ways. One of our most impressive heifers, type-wise, is Rosalie. She is officially classified Very Good

Westfall Conqueror Rosalie—Classified Very Good. A beautiful flashy heifer whose early production lags behind her type. Her index is therefore only Good.

and does well on the unofficial detailed classification for type. But Rosalie has had two lactations which do not compare favorably with the breed average. In my book, therefore, she's only Good although in time she may prove that she merely had a delayed start. As a matter of fact, in the first half of her third lactation she has done extremely well and may go up several grades in the combined production-type index when we figure it next year.

"Problem Children"

Combining production with type ratings took us out of the realm of theory. The ratings on this basis began to look like the cows as the herdsman and I knew them from day-to-day contact, that is, they mostly did. But we were astounded occasionally that



Peretein Meg Defender — Classified Good Plus. An old matron whose very good production has been offset by expensive health problems which bring her total rating down to Good.

one of our "problem children" had such a high rating, or one of our steadiest, least troublesome matrons rated so low. Brooding over such apparently unfair figure ratings gave me an idea. What I now call the health factor" seemed to be missing.

What breeder hasn't had flashy cows, with one or two unusual records and a history of hard calvings or shy breedings and a final trip in that breeder's tumbrel, the auction market truck? On the other hand, what breeder hasn't had a cow that never has and never will make a top-notch record but has paid her way, year after year, with good production, easy breeding, and effortless calvings?

Credit belongs where credit is due and that's why we introduced the "health factor" into the index. Health in a cow means to us a long, useful life with a minimum of veterinary bills and a healthy calf and easy calving each year. We devised a completely arbitrary list of credits and debits. We assume that a heifer starts with 100 points before she is bred the first time. We assume she will have three calves and three lactations while in the herd. Each calving over three gives her a bonus of 25 points and each one less than three before she leaves the herd deducts the same amount. A shy breeding (over 45 days to settle from first service) costs her 10 points. A very shy breeding (over 75 days from first service) costs her 20 points.

A retained placenta calls for a deduction as does foot disease, mastitis, and all other troubles the strong cows resist. When she finally has to go—as all cows eventually do—her record is credited if she has been a regular breeder and shipped for age alone, or penalized if she is a too-young breeding problem.

Adding Health Index

In our health index we have ratings from 0 to 265. Remember, par is 100. The zero "rater" was the worst breeding problem I can remember. She type-classified high and her early production was good, but—oh, boy!—those vet bills, until finally she had to go for hamburger. The 265 "rater" is Tene. I have just named her last calf "Nina" because it is her ninth calf in eight years. Each has been almost on the anniversary of the last. Tene has been served thirteen times to get those nine calves. She has had practically no diseases and her high fat record is the unspectacular amount of 443.2 lbs. in 305 days. But she has a lifetime fat production of 2,963 lbs. to date and is still going strong. Her daughters in the herd apparently inherit her buxom easy-going, placid strength.

In the final phase of the development of our index, we combined this health factor with type and production by deciding, for want of a better formula, to credit one quarter each to type, milk production, fat production, and health. When we produced the first tables of figures based on this formula, we received a terrific shock. Stars had fallen and ordinary cows, as we had thought of them in the barn, had risen. Take Tene, for an example. She classifies Very Good officially and 85.49 on detail. Her combined production and type rating is only 76.27, one of the lowest in the herd, because she is no great record maker. But now balance that off with one-quarter credit to her great health factor—only one quarter, mind you—and she rockets to 122.68, next to the best in the barn.

A Truly "Excellent" Cow

And speaking of the best in the barn brings me to the last example I will cite. Eunice Jewel Dutchland is our top cow, and she is tops in all departments. To me, her figures show that our index not only discloses the imposters, but confirms the really good ones, too. Eunice is officially Excellent and 90.8 on detailed type classification. She has always been a great producer, way above breed average in every lactation. Her production and type rating is therefore not surprising. It is 116.24. She has also been a very reasonable cow about her health.

Now going on thirteen years, she has had eight calves (the first because of breeding oversight at almost four-years of age) and only presented us with the average health problems of a very high producer. (To date she has over 120,000 lbs. milk and 4,400 lbs. fat to her official credit.) Her type-production-health index is 133.05. Sometimes at night I dream of success untold if some good fairy would fill my barns with cows like Eunice.

But next to wishing, which won't make it so, planning is best. And planning for the future, saving the get of the healthy, good looking, better-than-average producers is better than guessing. As a help in that planning, as an aid to herd management, I have found our "Westfall index" very valuable. It takes a lot of work, a lot of arithmetic, a lot of patience, but when it's done, you **know** and that's a very satisfactory feeling for a breeder.

In closing, let me give a specific example of the application and value of the index in making decisions. I can take an example using two of the cows mentioned before. We have

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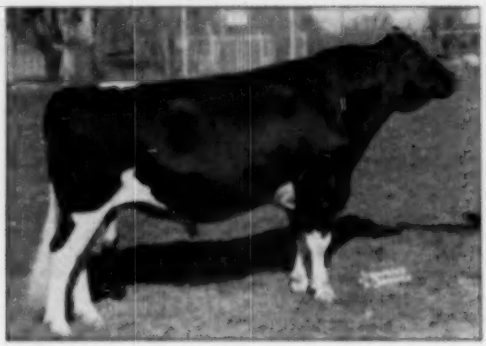

FARFIELDS CHAMPION (Ex.)
Senior and grand champion bull, Michigan Black & White Show. Farfields Farm, breeder and owner, Monroe, Mich. (1949 picture).

SALTFORD HEIGHTS HOPE (Ex.)
1st Aged cow, Michigan Black & White Show. This 1949 picture shows O. F. Foster of Lakefield Farms (owner) and Kent Malteon at halter.

Michigan Black & White Show

Third Annual Show Brings Out 220 Head

By R. H. HASTINGS

"Probably the grandest class of bulls it has ever been my privilege to place" —so said Judge A. C. "Whitey" Thomson at the Michigan Black & White Show at Williamston, August 6. With 65 exhibitors bringing out 220 head this strong show featured state fair quality all the way, many of the contenders coming direct from championship winnings at the series of county and district fairs held during July.

The champions selected by the judge were worthy representatives for a show of this calibet—Farfields Champion, the senior and grand champion bull; Wood Glen Queen Maggie, Hy-Up's outstanding 4-year-old senior and grandchampion female; Creston Farms junior bull calf son of Creston Rag Apple Triune, the junior champion bull; and the senior heifer calf shown by Clayton Rohlfs & Sons to junior champion female, Rohlfs Lochinvar Korndyke Eva.

Blue ribbons were distributed to eight exhibitors with H. A. Miller & Sons taking five and Green Meadows Farms four. Creston Farms annexed two blues as did Hy-Up and Lakefield Farms. C. B. Smith & Sons, Clayton Rolphs & Sons, Farfields Farm and William Heppner (a 4-H'er) each captured one.

Setting the pace for the succeeding classes were the eleven junior bull calves headed by Creston Master Triune, who had the strong, straight top, good heart and all around balance to become the junior champion. The sixteen senior bull calves presented a problem with the judge finally starting the class with a son of Green Meadow Constellation, something younger than the ones following him but nevertheless a good leader with plenty of character, a nicely blended shoulder, and marvelous top and rump. Green Meadow Farms stayed in the winning list with their junior yearling, another son of Constellation showing considerable depth and straightness.

Lakefield Farm accepted their first blue ribbon of the day when they brought out the senior yearling Lakefield Fobes Rag Apple, a big, strong,

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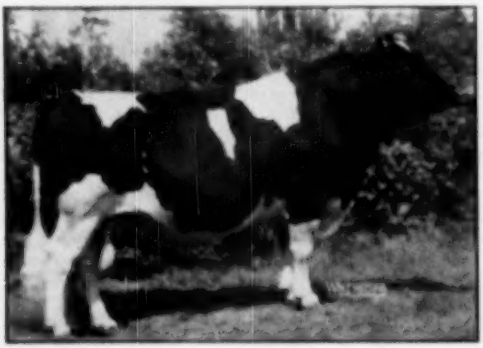

MILNONN SIR BUSS BUSSIE (Ex.)
2d Aged bull, Michigan Black & White Show. Also sire of 2d prize junior get of Sire, sire of 1st prize senior yearling heifer, member 1st prize senior get. H. A. Miller & Sons, breeder and owner, Williamston, Mich.

WOOD GLEN QUEEN MAGGIE
First 4-year-old, senior and grand champion female, Michigan Black & White Show. Hy-Up Farms, Birmingham, Michigan.

A GENERAL VIEW OF LOGANBELL FARM NO. 1

The owner's residence is just beyond the farm buildings, the manager's residence at right. The white barns in the left background are those of one of the other farm units.

Visit to Loganbell

In Pennsylvania's beautiful Logan Valley, named for a famous Indian Chief who formerly sojourned there, not far from the quiet little village of Bellwood you will find Loganbell Farms, a coined word combining the names of the valley and the nearby village—the farm home of Mr. and Mrs. J. E. Williamson. The Williamsons bought the No. 1 farm only seven years ago and more by accident than by design. For the first few years the farming operations were confined mostly to improving the home and home grounds, but living in the country just naturally resulted in a growing interest in agriculture and in livestock, so for several years now Mr. Williamson has been increasing his farm holdings, building up the fertility of his land, improving his farm buildings, and laying the foundation for one of the nicest and most promising registered Holstein herds in that part of the state.

Loganbell Farms today consist of four farms, very nearly adjoining each other in this scenic and fertile valley and consisting of some 430 acres. The No. 1 farmstead, where the Williamsons make their home, sits well back from the busy highway (U.S. 220) on ground high enough to afford a commanding view of the valley in all directions, including all the other farm units with their snow-white buildings and towering silos, the rolling green fields with the purple mountain ranges in the background.

Grassland farming is the order at Loganbell, with Sorghum, Sudan Grass and Soy Beans for silage. When I called there in early August, over 10,000 bales of alfalfa and clover hay were in the barns, with as much more yet to cut. With an average of three to five days of rain every week during

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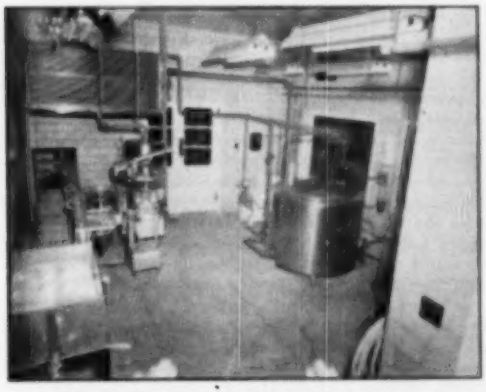
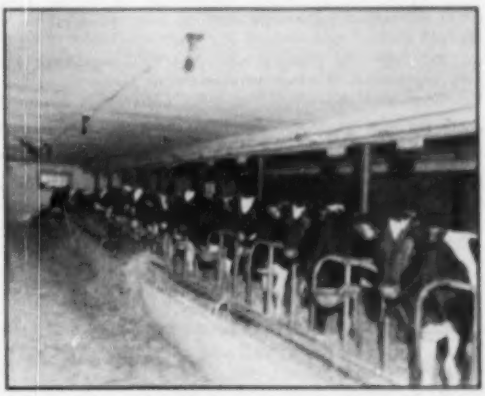


THE PASTEURIZING AND BOTTLING PLANT

Here upwards of 2000 quarts of Holstein milk are processed and retailed daily.



AN INTERIOR VIEW OF THE LOGANBELL STABLE

Full of good hay and knee-deep in clean straw, a picture of real contentment.

Editorial---

Show Time

Judging by the State Black & White Shows already held, another great Holstein show season is coming up. The first of the Mid-West major circuit fairs (Illinois) is on, as we go to press with this issue. The state fairs and the big round up of regional and national shows will follow in rapid succession.

The **World** staff, as in the past, will cover personally as many of these shows as is physically possible. Coming issues will devote liberal space to the presentation of the awards.

Some of our readers may feel that we give too much space to the show reports. Our own conviction, over the years, however, is that these awards are an important addition to the archives of the breed.

Show ring participation has played an important part in the development and popularizing of most of our important herds and blood lines. Pabst Farms have scarcely missed a year on the show circuit for the past 25 years and more. The same is true for Carnation Milk Farms. Elmwood has nearly as long a span. Mount Victoria patronized the show ring for almost the entire period the herd was in existence. The same was true for Maytags.

Bob Eddy first popularized Ormsby Sensation 45th by winning with him at New York State Fair and later showing his daughters successfully here and in New England. Sir Pietertje Ormsby Mercedes first became nationally known when a group of his young milking daughters won the Get-of-Sire at the National Dairy Show. Winterthur brought Posch Ormsby Fobes 14th forward as a leading herdsire by successful National Dairy Show exhibition before his daughters and sons established his fame.

Make a quick list of the more recently established herds that are making a name for themselves in the front rank—and we venture you will think first of those that have been successful in the show ring.

The show ring is a highly important avenue of breed promotion. It helps to fan the flame of breeder enthusiasm, offers continuing education on breed type, inspires prospective breeders with the desire to own and breed better cattle. It affords an opportunity to enlarge your circle of acquaintanceships and to rub shoulders with kindred souls.

We hope the Holstein shows of 1950 may have not only representative rings of animals in competition but also large and appreciative galleries of Holstein boosters.

The 1950 All-American Committee

Invitations have been extended to the following list of well-known judges to serve on the committee of the 1950 All-Americans.

Raymond Albrectsen (Kansas)
F. W. Atkeson (Iowa, Oklahoma City)
G. H. Beck (Topeka)
G. H. Cairns (Atlantic Rural, W. Va., Tenn. Valley)
E. A. Dawdy (Tulsa)
C. L. Goodhue (New York)
G. E. Gordon (Ind., Vancouver)
E. N. Hansen (Neb., Utah)
H. A. Herman (Colo., L. A. County)
J. D. Innes (Mich.)
H. H. Kibbee (Waterloo, Texas)
P. B. Misner (International, Ohio, Md.)
A. R. Porter (S. Dakota)
George Raithby (E. States, Royal)
C. S. Rhode (California)
Harvey Swartz (Wis., Minn., W. Wash., All-Iowa)
G. E. Taylor (Mid-South)
A. C. Thomson (P. I., Mo., K. C. Royal)
George Trimberger (Ky)
K. L. Turk (Grand National)
W. W. Yapp (Ill.)

It will be noted that under the new rules relative to Canadian competition no Canadian judges have been included except as they work at U. S. Shows.

A statement of these new rules appears on the editorial page of the July 15 issue. We have had nothing but favorable comment from our breeders regarding these changes. We hope they may result in an increase in International competition.

All-American Procedures

The basic procedures for the 1950 All-American are unchanged from recent years. All winners at state and other designated shows and second place winners at national and regional shows are considered eligible for All-American nomination.

Entry consists only in making available to this publication a suitable current picture of each animal or group. Pictures must be untouched and show the animals in substantially the form or stage of lactation in which they competed at some recognized show of the year.

It is not necessary to submit a picture especially for use of the All-American Committee if the **World** has received a picture during the season. The deadline for the receipt of pictures is November 11. Provision will be made specially for any U. S. entries shown at the Royal Winter Fair of Canada.

A nominating committee of three judges will go over all entries and select what are in their judgment the six top entries in each of the 15 All-American classes. These will be then presented for final vote independently by mail from the twenty-one members of the All-American Selection committee.

Final Year for Three-Year-Old Bulls

One rule changed seems to lead to another. We have had no three-year-old bull classes at the U. S. shows since the post-war resumption of fairs. The Canadian fairs continued the class and we have carried it on in the All-American with the idea we would give the American rule time to season. That would keep our record complete in the event action was taken to restore the class.

After four years we see little evidence of a demand for restoration of a three-year-old bull class in our shows. So, with the All-American competition now limited to U. S. shows plus any U. S. cattle exhibited at the Canadian shows, it would seem to be logical to discontinue All-American designations for three-year-old bulls.

We do not wish to take hasty or arbitrary action now on the eve of the 1950 show season. We will accordingly continue the three-year-old class this year if there are enough candidates to fill the three-year-old and aged bull classes. Notice is given, however, that starting with 1951 it is our present intention to drop the three-year-old bulls as a separate All-American class.

Sale Calendar

Aug. 23 **Glastonbury, Conn.**, Bader Farm Dispersal, C. A. Bader, owner, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Aug. 25 **Roscoe, N. Y.**, Russell Hodge and Joseph Bauernfeind Dispersal, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Aug. 26 **Lebanon, Pa.**, F. L. Heilman & Son Sale, Harvey Rettew, Manheim, Pa., Sale Mgr.

Aug. 26 **Bedford, New Hampshire**, Greeley Hill Farm Dispersal, E. P. McAfee, owner, W. A. Baker, Sale Mgr., Exeter, N. H.

Aug. 28 **Caro, Mich.**, Caro State Hospital Holstein herd.

Aug. 30 **Oakville, Ont.**, Sales Arena, C.N.E. Consignment Sale (7 PM), Management Hays Ltd.

Aug. 30 **Earlville, N. Y.**, 257th Earlville Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 7 **Amarillo, Texas**, Top of Texas Sale, Richmond Haloe, Sale Mgr.

Sept. 8 **Watertown, Wis.** (Clyman Farms) Wisconsin Breeders' Sale, Baird & Darcey, Sale Mgrs.

Sept. 7 **Cameron, W. Va.**, Wylie E. Pursene & Son Dispersal, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 9 **Williamston, Mich.**, 37th Wolverine Sale, C. B. Smith, Sale Mgr.

Sept. 11 **Ghent, N. Y.**, Sam Jacobson Dispersal, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 11 **Edmond, Okla.**, Oklahoma State Holstein Sale, C. O. Abercrombie, Vinita, Okla., Sec'y.

Sept. 12 **Greensboro, N. C.**, North Carolina State Holstein-Friesian Ass'n Sale.

Sept. 15-16 **Neshanic, N. J.**, Bertram J. Goldsmith Dispersal, R. Austin Backus, Mexico, N. Y., Sale Mgr.

Sept. 15 **Jackson's Mill, W. Va.**, West Virginia Holstein Sale, Charles H. Atkinson, Sec'y, Clarksburg, W. Va.

Sept. 19 **Earlville, N. Y.**, 3rd Chenango County Club Sale, W. J. Pike, Chairman, N. Norwich, N. Y.; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 21 **Lancaster, Pa.**, 91st Garden Spot Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 23 **Elkhorn, Wis.**, Tri-County Sale, Walter W. Bichn, Sec'y., Kenosha County Holstein Breeders Ass'n.

Sept. 23 **Gouverneur, N. Y.**, 7th St. Lawrence County Sale, Paul Fishel, Sec'y, Heuvelton, N. Y.; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 25 **Antioch, Ill.**, Sunny Hill Dispersal (Laurance Armour, owner), A. W. Petersen, Sale Mgr., Oconomowoc, Wis.

Sept. 25 **Palmyra, N. Y.**, 3rd Wayne-Ontario Sale, Ray Roberts, Sec'y, North Rose, N. Y.; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Sept. 26 **York, Nebr.**, Complete Dispersal S. W. Burnham herd, T. Hubert McVay, Sale Mgr., Nickerson, Kansas.

Sept. 27 **Cherry Valley, N. Y.**, 2nd Otsego-Herkimer-Montgomery Club Sale, Management R. Austin Backus, Mexico, N. Y.

Sept. 28 **Timonium, Md.**, Maryland Fall Holstein Sale, H. C. Harker, Frederick, Md., Sale Mgr.

Sept. 29 **Lampeter, Pa.**, 19th Lancaster County Holstein Breeders' Sale.

Sept. 30 **Orange, Va.**, Virginia Holstein Consignment Sale, H. W. Craun, R-1, Roanoke, Va., Sale Mgr.

Oct. 2 **Dunkirk, N. Y.**, 3rd Chautauqua County Club Sale Harley Dickinson, Chairman, Forestville; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 2 **Springfield, Mo.**, 1950 Missouri State Consignment Sale, James E. Crosby, Jr., Sec'y, Columbus, Mo

Oct. 4-5 **Earlville, N. Y.**, 258th Earlville Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 7 **Rhinebeck, N. Y.**, Eastern New York Holstein Club Sale, Management R. Austin Backus, Mexico, N. Y.

Oct. 7 **Watertown, Wis.**, Wisconsin Breeders' Sale, Management Baird & Darcey.

Oct. 9 **Walton, N. Y.**, 5th Delaware County Club Sale, Robert E. Burns, Sec'y, Bovina Center; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 9 **Rochester, Minn.**, Olmsted County Annual Holstein Sale, Myron W. Clark, Sec'y, Stewartsville, Minn.

Oct. 11 **Paris Hill, N. Y.**, 10th Oneida County Sale, Edward E. Benson, Sec'y, Whitesboro; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 13 **Sioux Falls, S. D.**, South Dakota State Holstein Sale, James Dougherty, Redfield, S. D., Sale Mgr.

Oct. 13 **Mexico, N. Y.**, (Butterfly-Prattham Farm) Oswego Club Quality Sale, R. Austin Backus, Mexico, N. Y., Sale Mgr.

Oct. 14 **Cobleskill, N. Y.**, 6th Schoharie County Club Sale, Don Jansen, Sec'y, Cobleskill; R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 14 **Fresno, Calif.**, (Fairgrounds) California Half Century Holstein Classic Sale.

Oct. 14 **Williamston, Mich.**, 19th Wolverine Sale, C. B. Smith, Sale Mgr.

Oct. 16 **Avon, N. Y.**, Anderson Brothers Dispersal, Management R. Austin Backus, Mexico, N. Y.

Oct. 16 **Zumbrota, Minn.**, Goodhue County Holstein Breeders' Ass'n Sale.

Oct. 18 **Barron, Wis.**, The Barron Fall Sale, Robert W. Koepp, Mgr., Rice Lake, R-1, Wis.

Oct. 18 **Waterloo, Iowa**, Iowa Holstein Breeders Fall Sale, Geo. M. Leland, Cor. Sec'y., Waterloo, Iowa.

Oct. 18 **Hornell, N. Y.**, 35th Annual Sale of Allegany-Steuben Breeders' Club, James A. Young, Sec'y, Angelica, N. Y.

Oct. 19 **Bloomsburg, Pa.**, Pennsylvania State Sale, J. A. Fairchild, Sec'y, Berwick, Pa.; Management R. Austin Backus, Mexico, N. Y.

Oct. 20 **Watertown, Wis.**, Dodge County Holstein Breeders' Ass'n Sale, Elomer F. Berg, Sec'y, Brownsville, Wis.

Oct. 20 **Northampton, Mass.**, New England Holstein Sale.

Oct. 21 **Trenton, N. J.**, New Jersey State Bred Heifer Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 21 **North Platte, Nebr.**, Joint Dispersal R. H. Jandebeur and Dr. L. A. Snavely, A. W. Petersen, Oconomowoc, Wis., Sale Mgr.

Oct. 23 **Toronto, Ont.**, All-Canadian Sale, L. E. Franklin, Sale Mgr., Brantford, R-2, Ont.

Oct. 23 **Hutchinson, Kans.**, Central Kansas Holstein Breeders Fall Consignment Sale, T. Hubert McVay, Sale Mgr., Nickerson, Kansas.

Oct. 24 **Middleburg, N. Y.**, Julius Westheimer Dispersal, R. Austin Backus, Mexico, N. Y.

Oct. 28 **St. Charles, Ill.**, Harvest of Stars Sale sponsored by Illinois Holstein-Friesian Ass'n, Kent Ryan, Dundee, and Ken Petesig, Winfield, Ill., Sale Mgrs.

Oct. 25 **Wooster, Ohio**, (Fairgrounds) Ohio Breeders' Sale, Management Ohio Holstein-Friesian Ass'n.

Oct. 26 **Lancaster, Pa.**, 92d Garden Spot Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 27 **Danville, Pa.**, Homer H. Shultz Dispersal, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Oct. 27 **Plymouth, Wis.**, Sheboygan County Holstein Breeders' Sale, Wilbur Bohnhoff, Sec'y.

Oct. 28 **Lafayette, Ind.**, Indiana Fall Sale, Earl Martl, Sec'y, LaCrosse, Ind.

Nov. 1 **Earlville, N. Y.**, 259th Earlville Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Nov. 2 **Herington, Kans.**, Kansas State Sale, Raymond Hollman, Edna, Kansas, Ch. Sale Com.

Nov. 3 **East Lansing, Mich.**, Michigan State Sale, Everett R. Miller, Sec'y, Birmingham, Mich.

Nov. 4 **Newark Valley, N. Y.**, Paul Smith Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Nov. 4 **Chilton, Wis.**, Calumet "400" Foundation Sale, Orcin W. Meyer, Chilton, Sale Mgr.

Nov. 4 **Dundee, Ill.**, Pond Gate Dispersal, Baird & Darcey, Waukesha, Wis., Sale Mgrs.

Nov. 6 **Waukesha, Wis.**, The U. S. National Blue Ribbon Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Nov. 7 **Watertown, Wis.**, The U. S. National Blue Ribbon Sale, Management Baird & Darcey, Waukesha and Watertown, Wis.

Nov. 9 **Gowanda, N. Y.**, Vernon Ross Dispersal, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Nov. 11 **Williamston, Mich.**, 39th Wolverine Sale, C. B. Smith, Sale Mgr.

Nov. 13 **Mankato, Minn.**, 5th Annual South Central Minnesota Holstein Ass'n Sale, Hugo Albright, New Ulm, Minn., Sale Mgr.

Nov. 15 **Wooster, Ohio** (Fairgrounds) Ohio Breeders' Sale, Management Ohio Holstein-Friesian Ass'n.

Nov. 16 **Lancaster, Pa.**, 93rd Garden Spot Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Nov. 21 **Van Wert, Ohio**, Ohio Breeders' Sale, Management Ohio Holstein-Friesian Ass'n.

Dec. 6-7 **Earlville, N. Y.**, 260th Earlville Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

Dec. 11 **Williamston, Mich.**, Wolverine Invitational Sale, C. B. Smith, Sale Mgr.

Dec. 21 **Lancaster, Pa.**, 94th Garden Spot Sale, R. Austin Backus, Sale Mgr., Mexico, N. Y.

1951

May 7 **Oconomowoc, Wis.**, Top-of-the-Crop Sale at Pabst Farms, Inc., A. W. Petersen, Sale Mgr.

Coming Events

Aug. 19 **Purcellville, Va.**, Virginia Holstein-Friesian Club Annual Picnic and Field Day at Round Oak Farm, C. R. Hope & Son.

Aug. 21 **Flemington, N. J.**, New Jersey State 4-H Show, Holstein Day.

Nov. 28 **North Carolina** Holstein-Friesian Ass'n Annual Meeting.

HEADS A FAMILY

NEWMONT ARISTOCRAT
Excellent—Gold Medal Sire

ADVERTISEMENT
No. 2

IN THIS SERIES OF ADVERTISEMENTS WE WILL PRESENT THE PICTURE STORY OF OUR BREEDING PROGRAM. WATCH IT DEVELOP!

BUILD ON THE BLOOD OF ORMSBY SENSATION 45th

ARISTOCRAT—When we decided to concentrate on Ormsby Sensation 45th breeding all indications pointed to the fact that Aristocrat was the most outstanding bull in the family. We selected two of his sons for use in our herd and breed to him regularly. We now have fifteen daughters to his artificial services. His daughter, Newmont Lizzie V.G., is making NEWS—of which more LATER!!!

Latest H.I.R. and A.R. 305d Mature Equivalent Proving

20 dtrs. av.	14,334 M.	5.81%	542.1 F.
18 dtrs. av.	14,485 M.	5.78%	544.88 F.
18 dams av.	14,417 M.	5.64%	524.5 F.
Increase	+68 M.	+.14%	+23 F.

GREAT BROOK FARMS

Home of FERNHAME Holsteins

CARLISLE, MASSACHUSETTS

Mr. and Mrs.
CHESTER R. SIM, Herdsman — FARNHAM W. SMITH, Owners — STANLEY D. WRIGHT, Manager

An Index For Cows

An ingenious index for rating each cow in his Westfall herd has been devised by C. G. Mortimer, Jr. This index attempts to give a single numerical value to the type, production (both milk and fat) and health, or breeding efficiency. Mr. Mortimer describes this index in an article featured in this issue.

We would criticize Mr. Mortimer's article from only one standpoint—the use of official classification terminology to designate the results of his index computations. There is such a wide variation, with some factors running above 100, that a straight numerical answer would doubtless prove less confusing and more useful.

Perhaps readers would find it interesting and enlightening to apply this index in their own herds.

The Cover

Top of the recent Franlo Dispersal at $6750 was the highly esteemed Browns Mistress Corrine, our cover picture made by Strohmeyer & Carpenter on sale day shows Corrine with the principals in the transaction. Reading from the left they are: owner F. W. Griswold of Franlo Farms; Ray and Mrs. Bottema and C. M. Bottema who were the purchasers, with Sonny Bartel at the halter.

Browns Mistress Corrine is a daughter of the late Montvic Rag Apple Master. She was bred by the Brown Corporation at LaTuque, Quebec and came to Franlo Farms as a springing two-year-old, in the 1945 All-Canadian Sale for $4750 and she went on in that first lactation to make a 305-day record as a senior two-year-old of 675.3 lbs. fat, 18891 lbs. milk on 3X, which still stands as the Minnesota state record for fat. In her current lactation, we are informed she has in her first 175 days 500.2 lbs. fat, 12,281 lbs. milk.

The post-war shows were resumed in 1946 and Corrine came out in three-year-old form to win first prize at Minnesota State Fair, first prize and reserve grand champion at the Royal Winter Fair and Best Udder winner at Waterloo. She ended the season as Reserve All-American.

She won first prize at the Canadian Royal likewise in both 1947 and 1948 and ended the 1949 season in a blaze of glory at the International Dairy Show at Indianapolis winning grand championship as well as the Best Udder class. Her new home will be near the scene of this triumph. Corrine has started off on the right foot for her new owners by winning grand championship at the recent Indiana State Black & White Show.

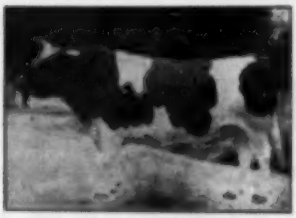
Marcy Klock

Marcy Klock, 56, well-known Holstein breeder of Fort Plain, N. Y. died August 2 at his home in the Fordsbush area following an illness of several years during which he had suffered nearly complete loss of eyesight. Mr. Klock was a life-long resident here, his family having been prominent farmers in the area since the days of the Revolutionary War. He had the Master's touch as a dairyman and breeder.

Surviving are his wife, the former Alice Hopkinson, who has been his devoted helpmate for 35 years; a daughter, Gertrude who is a valued employee of the Brattleboro office and a son, Donald, who has operated the home farm since Marcy's illness; also two grandchildren.

KRAFT SCHOLARSHIP WINNERS

The national 4-H Dairy production contest winners attended the 28th annual National 4-H Club Congress, Chicago, as guests of the Kraft Foods Company, which also awarded each a $200 college scholarship. They are shown here with Mr. J. L. Kraft. From left: Duane E. Traxler, 18, Eldorado, Kans.; William S. Chafey, 19, Mount Holly, N. J.; Eugene C. Erickson, 19, McLeod, N. D.; Eugene E. Evers, 18, Forest Grove, Ore.; E. P. Wicker, Jr., 18, Wilson, Tex.; and Robert B. Bingham, 20, Middlebury, Vt.



HARTWOOD MARLOW PRINCE
ALMA BURKE 95,2865

TOPS IN BLOODLINES

Two of our sires are full brothers sired by an "Excellent" son of Wisconsin Admiral Burke Lad (Gold Medal Proven Sire, classified "Very Good"), and out of a three times Ohio State Record daughter of our proven sire, Fresco Alma Only Son. She has an 800-pound fat, 4% test, four-year-old record—classified "Good Plus", and stands third high in Nation as a Junior two-year-old on twice-a-day milking.

For a glimpse into our new Junior Sire's pedigree, you will find the combination of Regal and Rosemer breeding. Out of the 14 animals in his four-generation pedigree, 9 were classified as follows: 3 "Excellent", 5 "Very Good", and 1 "Good Plus", plus three Gold Medal sires. He is sired by the "Excellent" "Gold Medal" Regal who is from an 800-pound fat dam. The "Very Good" dam of this young sire has a 622-pound three-year-old record on twice-a-day milking and a two-year-old record on twice-a-day milking of over 500 lbs. fat. He is truly the makings of a really great sire.

For further information on our breeding and young bulls for sale, contact us today. Come see us — we will be glad to show you our herd.

MARLOW HOLSTEIN FARMS — Box 148 — Mankato, Minnesota

J. C. MARLOW, Owner

Johnny Rahbek, and C. W. Sonnabend, Operating Partners

Calendar of 1950 Fairs

Aug. 19-25 Sioux Empire Fair, Sioux Falls, S. D., Aug. 21.

Aug. 19-27 Wisconsin State Fair, Milwaukee, Harvey Swartz, Aug. 23.

Aug. 20-27 Missouri State Fair, Sedalia, A. C. Thomson, Aug. 22.

Aug. 21-26 Central Canada Exhibition, Ottawa, Ont., Prof. A. D. Runions, Aug. 24.

Aug. 21-26 State Fair of West Virginia, Lewisburg, Dr. G. M. Cairns, Aug. 23.

Aug. 21-27 Cortland County Fair, Cortland, N. Y., Paul Misner, Aug. 22.

Aug. 22-Sept. 1 Iowa State Fair, Des Moines, F. W. Atheson, Aug. 30.

Aug. 22-Sept. 4 Pacific National Exhibition, Vancouver, B. C., Prof. G. E. Gordon, Aug. 28-29.

Aug. 23-Sept. 9 Canadian National Exhibition, Toronto, Ont., James R. Henderson, Aug. 30-31.

Aug. 26-Sept.1 Ohio State Fair, Columbus, Paul Misner, Aug. 31.

Aug. 26-Sept. 4 Minnesota State Fair, St. Paul, Harvey Swartz, Aug. 29.

Aug. 26-Sept. 1 Colorado State Fair, Pueblo, H. A. Herman, Aug. 29.

Aug. 28-Sept. 1 North Central Kansas Free Fair, Belleville, Fred Foreman, Aug. 29.

Aug. 28-Sept. 4 Heart of Illinois Exposition, Peoria, Ill., E. E. Ormiston, Aug. 30.

Aug. 30-Sept. 9 Maryland State Fair, Timonium, Paul Misner, Sept. 4.

Aug. 31-Sept. 8 Indiana State Fair, Indianapolis, Ind., G. E. Gordon, Sept. 5.

Aug. 31-Sept. 10 California State Fair, Sacramento, C. S. Rhode, Sept. 5.

Sept. 1-10 Exposition Provinciale, Que., W. A. Hodge, Sept. 6-5.

Sept. 1-10 Michigan State Fair, Detroit, J. Durno Innes, Sept. 7.

Sept. 2- 9 New York State Fair, Syracuse, C. L. Goodhue, Sept. 5-6.

Sept. 2- 8 Nebraska State Fair, Lincoln, Elmer Hanson, Sept. 7.

Sept. 4- 9 South Dakota State Fair, Huron, Arthur E. Porter, Sept. 6.

Sept. 4- 9 Virginia State Fair, Staunton, R. G. Connelly, Sept. 5.

Sept. 9-15 Kansas Free Fair, Topeka, G. H. Beck, Sept. 13.

Sept. 10-16 Kentucky State Fair, Louisville, Prof. George Trimberger, Sept. 13.

Sept. 10-16 Saginaw Fair, Saginaw, Mich., Sept. 12.

Sept. 10-17 Reading Fair, Reading, Penn., P. B. Misner, Sept. 13.

Sept. 11-16 Tennessee Valley Fair, Knoxville, Tenn., Dr. G. M. Cairns, Sept. 12.

Sept. 12-16 York Interstate Fair, York, Penn. Sept. 12.

Sept. 13-Oct. 1 Los Angeles County Fair, Pomona, Calif., Harry A. Herman, Sept. 18.

Sept. 15-23 Utah State Fair, Salt Lake City, Elmer N. Hanson, Sept. 18.

Sept. 17-22 Kansas State Fair, Hutchinson, Raymond Albrecht, Sept. 28.

Sept. 17-23 Eastern States Exposition, West Springfield, Mass., G. E. Raithby, Sept. 19-20.

Sept. 17-23 Tulsa State Fair, Tulsa, Okla., E. A. Dawdy, Sept. 20.

Sept. 18-23 Tennessee State Fair, Nashville, Sam Hinton, Sept. 20.

Sept. 21-30 Mid-South Fair, Memphis, Tenn., Dr. Geo. E. Taylor, Sept. 25.

Sept. 23-30 Oklahoma City State Fair, Oklahoma City, Prof. F. W. Atheson, Sept. 27.

Sept. 23-Oct. 1 New Mexico State Fair, Albuquerque, Sept. 26.

Sept. 24-Oct. 1 New Jersey State Fair, Trenton, Enos J. Perry, Sept. 27.

Sept. 25-30 Arkansas-Oklahoma Livestock Show, Fort Smith.

Sept. 27-Oct. 1 Central Washington Fair, Yakima, Wash., Sept. 29.

Sept. 28-Oct. 7 Atlantic Rural Exposition, Richmond, Va., Dr. G. M. Cairns, Oct. 4.

Sept. 30-Oct. 7 National Dairy Cattle Congress, Waterloo, Ia., H. H. Kildee, Oct. 5-6.

Oct. 1-8 Oklahoma Free State Fair, Muskogee, Dwight Taylor, Oct. 3.

Oct. 2- 7 Arkansas Livestock Show, Little Rock, Oct. 3.

Oct. 3-7 Panhandle South Plains Fair, Lubbock, Tex., I. Walker Rupel, Oct. 4.

Oct. 6-14 Pacific International Livestock Exposition, Portland, Ore., A. C. Thomson, Oct. 16.

Oct. 7-14 International Dairy Exposition, Indianapolis, Ind., P. B. Misner, Oct. 11-12.

Oct. 13-28 State Fair of Texas, Dallas, H. H. Kildee, Oct. 17.

Oct. 17-21 North Carolina State Fair, Raleigh.

Oct. 21-29 State Fair of Louisiana, Shreveport, J. W. Ridgeway, Oct. 25.

Oct. 27-Nov. 5 Grand National Livestock Exposition, San Francisco, Calif., R. L. Turk, Nov. 1 and 2.

Nov. 14-22 Royal Winter Fair, Toronto, Ont., George E. Raithby, Nov. 15-16-17.

Nov. 25-Dec. 2 International Livestock Exposition, Chicago, Ill. (No dairy cattle).

HOLSTEIN BREEDERS HEAD NEW DAIRY COUNCILS

The National Dairy Council announces organization of three new affiliated Dairy Council Units two in New York state and one in Colorado. Both of the New York state organizations are headed by Holstein breeders. For the Elmira area William Wigsten. Horseheads is president, while Fred Lawrence heads the Dairy Council of Broome County. The National Dairy Council is a non-profit educational organization carrying on the sales promotion-public relations programs in the organized areas to increase the use of dairy foods. They are doing a great job.

One of the big activities of the council is sponsorship of June Dairy Month. General reports are that this program clicked better in 1950 than ever before.

SENSATIONAL ANNOUNCEMENT — COMPLETE

The — SUNNYHILL

T.B. ACCREDITED — BANG'S TESTED

Monday SEPT. 25th

Starting 12 Noon, (C D S T)

65 REGISTERED HOLSTEINS — ALL TOPS

SALE AT AUCTION — AT THE FARM

A FEW OF MANY FEATURES IN THIS OFFERING —

- One of the Richest Rag Apple-bred Herds in the U.S.A.
- Several Daughters of Montvic Rag Apple Sovereign, including his highest record daughter in H.I.R.
- Daughters of Many Other Famous Sires, including Montvic Renown--Twenty Grand--Creston Grand Master
- Five Daughters of Ravenglen Hartog Triune, the $9,000 Son of the GREAT BLACK COW on next page —

NEXT ISSUE WILL FEATURE THE SENIOR SIRE — RAVENGLEN HARTOG PAPOOSE and his offspring —

DISPERSAL OF THE LAURANCE ARMOUR HERD

DISPERSAL

CALFHOOD VACCINATED

ANTIOCH, ILLINOIS

Farm is on Illinois No. 173, 6 miles west of town.

YES — THE "GREAT BLACK COW" SELLS!

RAVENGLEN SENATORA TRIUNE — Top Female Ravenglen Sale

Every inch a "Queen", and one of the truly great cows of the breed.

AR at 4½ yrs. 365d 8X 979.8 lbs. fat, 4.5%; 305d 8x 794.7 lbs., 4.5%, Ill. State Record and 1st on 1949 Honor List. 1st Prize Aged Cow, Senior and Grand Champion, Kentucky 1949; 1st Best-Uddered Cow, same show; 3rd Aged Cow, International, 1949. An own daughter of King Beeste Senator, only bull of the breed to win All-American through all classes from bull-calf to aged bull. Dam: Ravenglen Princess Triune Creator, AR 8X at 3½ yrs., 794.7 lbs. fat, 4.5%, she by Pabst Belmont Creator, from "Ex" Ormsby Triune Princess, dam of All-American Produce 1949.

RAVENGLEN SENATORA TRIUNE topped the females in the Ravenglen Sale at $7,200. Her own son, Ravenglen Hartog Triune, topped the entire sale at $9,000. Her 10-yr.-old dam brought $6,000. She will have completed another 305-day record at sale time of about 800 lbs. fat with high test.

She is due to calve on November 17th to the service of her own $5,000 son.

On all counts she is "TOP OF THE TOPS" as a producer, as a show-cow of the highest calibre, and as a Transmitter of these qualities.

WATCH THE "WORLD" for Further Announcements and Complete New Set of PICTURES!

The Catalogue — Large size, ready about two weeks before sale, will be sent by mail at 50 cents per copy.

A. W. PETERSEN, Sale Mgr.
Oconomowoc, Wis.

From the Association Office—

Production Records—

In the files of the Advanced Registry Department of the Association, there are nearly half a million production records. While these records date back to the beginning of the Association and to the beginning of its program of Official Testing, the vast majority of these records have been made since the start of Herd Testing in 1928. In other words, most of our production records have been made within recent years and represent usable information for breeders today.

These records and those which are continually being added daily in ever increasing numbers are the life blood . . . the heart of our breed improvement work. This is true whether it be an individual or the Association that is planning the improvement work. Because of the great importance which is attached to our official production records by all who are interested in the breed, their accuracy and reliability must be maintained at whatever effort necessary to insure this dependability.

Testing Rules

One of the grave responsibilities of your Association Officers working in conjunction with the Official Testers and the State Superintendents of Official Testing is to guarantee, as nearly as humanly possible that the published production records of our cattle are accurate and reliable. To this end a set of UNIFIED RULES FOR OFFICIAL TESTING has been set up and approved by The Purebred Dairy Cattle Association, The American Dairy Science Association and the five dairy cattle registry organizations, including our own Association. The purpose of these rules is to establish a standard by which all dairy cattle are tested for production. Without such a standard or set of rules our records would be of little value and have little use to the breeders who may wish to use them for the selection of foundation animals. Likewise, they would be of no value in comparing the relative merits of animals or families for breed improvement work. In short, without some standard, the record would be useless.

Therefore, to make the official production records of our Association of real value to our members and breeders, it is mandatory that the rules of official testing be rigidly and strictly enforced. There can be no alternative and no exceptions. Unless this be true, the records assume a status much the same as "private records."

When each new herd owner starts his herd on Herd Test or individual animals on Advanced Registry Test a copy of the Unified Rules are sent to him so that he may be thoroughly familiar with the standard under which such a testing program is conducted. From time to time it becomes necessary to clarify or possibly change some of the procedure. When this is done, the changes and revisions are sent to each herd owner having animals on test.

Feeding Cows on Test

One of the rules governing our production testing program deals with the feeding of cows on official test. This rule has come in for considerable discussion in recent years because of developments in the field of animal nutrition. The present regulation under which official testing is now being conducted is quite specific in its limitations. It reads as follows:

"The details of feeding and caring for the cows on official test are under the direction of the owner. At no time during the test can any condiments, condition powders, tonics or drugs be given the cow, but nothing in this rule should be construed as forbidding proper medical attention at any time by a qualified veterinarian or by the owner or person in charge in case a cow is taken suddenly ill. Any practice that is intended to create or does create an abnormal percentage of butterfat or abnormal yield of milk is a violation. Any liquid, except pure water, is prohibited as a drink. Powdered whole milk or skim milk in any form may not be fed. The feeding or injection of thyroid extract, thyroxine or any product producing thyroidal effects, to cows on official test is prohibited and evidence of its use shall be cause for cancellation of such records."

The penalty set forth under the testing rules for feeding thyroprotein or other infringement of the rules can and may be extended by further authority granted in the By-Laws of our Association.

Thyroprotein

Since Thyroprotein is now available to dairymen as an addition to the feed for cattle, it seems timely that we evaluate this material in the light of our official production records. It should be made clear that the Association wishes in no way to dictate what an owner may feed his cattle except as it may affect the reliability and usability of the Association's records. To this end and in the interest of all members of the Association, the Association, along with all other Breed Organizations and persons interested in official testing, have prohibited the feeding of thyroprotein as set forth under the unified testing rules. It is a well accepted fact, that records made under the stimulus of thyroprotein are artificial in nature and do not represent the true inherited ability of an animal to produce naturally and normally. Production records to be used for breed improvement work should be made in such a way as to represent the animal's normal and natural inheritance for production.

While a comparison with the current "stock car" racing fad may seem farfetched, it does in certain instance represent a similar situation with thyroprotein feeding. For these races, the regular stock car models are "souped-up." The heads are ground down for higher compression, dual, wide-mouthed carburetors are used, special fuels, often containing ether, are used and other special touches are added for increased speed. On the performance of these "souped-up" cars, we would not expect to buy a car of similar make and model. The standard of comparison for our use and that of the race driver would not be the same. The same attitude may be taken relative to our dairy animals that have been overstimulated by unnatural means or methods.

One of the methods which is used to determine the transmitting ability of a sire is to compare the average mature equivalent production of his daughters with similar figures on their dams. This we commonly term as a "bull's proof." Under the unrestricted use of thyroprotein it can easily be seen that the "bull proof" could be extremely misleading. The normal feeding of the dams accompanied with the abnormal unrestricted stimulation of their daughters for their first lactations could make a "bull's proof" look extremely desirable when actually the bull may be entitled to nothing more than a minus proof. There are, of course, many other ramifications of bull provings which we cannot discuss at this time, but it can readily be seen how this situation may actually invalidate much of the valuable work which has already been done in the field of production testing.

The Future

No one wishes to predict what the future may bring in this particular phase of our work. Changes are bound to come as a result of more knowledge based on research. For the present, however, decisions must be founded on the best information available.

—The Holstein-Friesian Association of America

Better Farming Methods—

Monthly Farm Guidance Letter for August

By ALBERT M. WOLF,

Farm Consultant

War Affects the Business Trend.—The trend of business, including farming, for the rest of 1950 and in the years to come depends upon what happens in Korea and whether or not the fighting spreads to other parts of the world. Being five years late on this job of halting the Reds is going to cost us a lot of **prestige and money.** Taxes are most certain to be higher and price controls will come if the greedy boost retail prices too much. Already we have had too much of this in retail lines.

Right now our economy is running very close to capacity in most manufacturing lines as well as in agriculture. We can probably absorb another $2 billion of military orders without much strain, but after that it will be a case of "guns or butter" . . . and that would bring back controls on materials, production, and prices. This would be a necessity to give military orders priority and to prevent inflation. In any event the efficient farmer can look forward to better returns for his labor but with less money to save.

Price Trends. The Associated Press Index on 55 wholesale commodities rose steadily from March 30 (when it was 159.30) to a high for 1950, of 183.09 on July 28, as compared with a low of 150.06 on June 30, 1949. This rise has been the result of higher wages in all major industries, higher raw material prices and the generally unstable world situation aggravated by the Korean War. In past months the farmer has been adversely affected by the rise in price of the things he has to buy and the drop in price of the products he has to sell, but as pointed out under different headings of this letter, the Korean situation has now forced farm prices to higher levels and the squeeze on the farmer is now being eased.

Farm Income. The Bureau of Agricultural Economics estimates that farm income dropped 17% in 1949 and continued at about the same rate during the first half of 1950. Farmers last year realized a net income of $13.8 billion for the entire nation as compared with $16.7 billion for 1948 and $17.8 billion in 1947, or a drop of 22% from the record high of 1947. Total farm assets as of January 1, 1950 were estimated at $127 billion or a drop of $4 billion during 1949. The war in Korea and the world defense program against "dear old Joe" will change the trend during the rest of the year so that total farm income for 1950 may be about the same as in 1949.

Grains. After a poor start, with plantings as much as two to four weeks late, crops are responding to very favorable weather and on July 11 the USDA estimate for the corn crop was 3,100 million bushels and winter wheat 720,545,000 bushels as compared with a 10-year average of 758,521,000 bushels. Prices on cash oats were most volatile during the month of July, dropping from $1.02½ on July 1 to 85¾ cents on the 28th. Cash corn varied from $1.55½ on July 1 to $1.57¼ on the 28th, while soybeans hit a high of $3.25¼ on July 13. Wheat at Kansas City varied considerably, with a high of $2.39½ on July 21 and then slacked off to $2.23½ on the 28th. Grain futures closely followed the trends in cash grains. The war scare should hold prices at or near present levels.

Mill Feeds. On July 20 all mill feeds were selling at higher levels than in June. Bran has risen $7 to reach $54, wholesale, Minneapolis; linseed oil meal $5 to $74, Minneapolis; soybean oil meal $13 to a $91 level at Decatur; brewers' dried grains $5 to $50, Milwaukee; dried beet pulp $1.50 to $55, Milwaukee; and 50% meat scraps

(Continued on page 58)

WANT TO WIN $1,000?

ENTER THE

MARLOW MILKER

"BEFORE AND AFTER" SWEEPSTAKES NOW!

J. C. Says:

In this contest we have dared to compare the Marlow Milker with any other milker on a PRODUCTION basis — and you can check the results in your own herd record books.

Used on your own herd, the Marlow Milker will PROVE that it eliminates the major cause of mastitis, promotes healthier udders, builds production and increases milk profits. Enter the "Before and After" Sweepstakes now see for yourself!

EVERY MARLOW USER BECOMES A WINNER!

BETTER PRODUCTION

BIGGER PROFITS

HEALTHIER UDDERS

FASTER MILKING

Read These Letters from Marlow Users—

J. T. Ayers, Rising Sun, Md., says: "Before installing the Marlow, our herd average was 425 pounds of fat. Last year, from the same cows, it was 443 pounds of fat . . . and I always thought there was nothing like hand milking!"

L. B. Priebe, Jr., Waseca, Minn., says: "I have used the Marlow for two years and never had any udder trouble with it. The cows milk more and hold out on their lactations better."

Harry Smick, Chimey, Wash., Says: "I lost 9 of my best cows last year with mastitis. Since using the Marlow, my udder trouble is solved. If I had to give up my Marlow, I would sell all my cows."

MAIL THIS COUPON FOR CONTEST DETAILS

J. C. MARLOW MILKING MACHINE CO.
Dept. W., Mankato, Minn.

Please send complete details about the Marlow Milker "Before and After" Sweepstakes.

Name.....

Address.....

Telephone.....

Index of Advertisers —

A

Adams Acres 5
Amco, Inc. 41
Anchor Serum Co. 63

B

Backus, Porter 59
Baird and Darcey 43
Baker, W. A. 44
Bancroft Acres 43
Barker, Howard C. 45
Barron Co. Holsteins 12, 13
Barron Fall Sale 37
Bechtelheimer, Harvey 16
Beesley Dairy Farm 16
Bell, John A. Jr. 35
Box 544 43
Breeders' Supply Co. 43
Brown Co. 41
Brown-Forman Feed Division 9
Butterfly Farms 63

C

Carnation Milk Farms 18
Carsiddle 14
Cashman Farm 8
Chautauqua County Sale 45
Chevrolet Motor Division 15
Clinton Stock Farm 13
Corse Press, Inc. 58
Cowphilosophy 44
Crestsburg, Geo. F. and Son 61
Cummings Farm 58

D

Dairy Cattle Congress 32
Dane County Holstein Breeders' Dane Co. Holstein Breeders' Ass'n 65
DeLaval Separator Co. 57
Delwood 14
Dunloggins of Ohio 58

E

Earlville Sale 44
Eardswell Farms 60
Elgin Co. Holstein Breeders' Club 58
Elmoka Farm 13
Elmwood Farms 39

F

Fenstermaker, J. O. 65
Ferguson, J. W. 65
45th Breeders 32, 33

G

Golden Arrow Farms 63
Graham Scientific Breeding School 43
Great Brook Farms 36
Green Meadow Farms 45

H

Har-Mar Farms 34
Hart, Douglas 58
Hays Ltd. 64
Hedge, The 67
Hickory Creek Farms 36
Hodge, Russell, Dispersal 50
Holstein-Friesian Ass'n of America 10
Holstein-Friesian Ass'n of Canada 64
Holstein-Friesian World 4
Hostetler, Leo 16

I

Inter Co. Dairy Cattle Ass'n 62
International Harvester Co. 11
Irvington Farm 3

J

Jacobson Dispersal, Sam 42
Jefferson Co. H.-F. Ass'n 65

K

Kansas Pages 16, 17
Kleenade Products Inc. 47
Knollwood Farm 43
Kuhn, Dale 17
Kyland 2

L

Larwood 14
Laderle Laboratories Inc. 7

M

Marlow, J. C. Co. 31
Marlow Holstein Farms 37
Martin Laboratories 61
Mathews Supplement 63
Meyer Dairy Farm Co. 16
Midlane Farm 13
Moore Bros. Corp. 61
Mott & Kandt 17
McVay's 17

N

National Pedigree Co. 64
Near's Food Co. 43
Nockdale Holsteins 50

O

Oklahoma State Sale 48
Ortho Pharmaceutical Corp. 43
Osborn, Leland J. 65
Osborndale 3
Oxford Holstein Breeders' Ass'n 65

P

Pabst Farms Inc. 4
Park Inc. 45
Parson Dispersal, Wylie E. 48
Petersen, A. W. 64
Phillips Maple Lawn Dairy 59
Pilfour Stock Farm Dispersal 34, 35

R

Rawleigh, W. T. Co. 62
Rose O'Sharon Farm 60

S

Shore, Hardy 65
Smith, C. R. 65
Sprunger, S. C. 65
Stonemark 17
Strohmeyer & Carpenter, Inc. 65
Sunnyhill Farm Dispersal 28, 29

T

Templeogue Farms 14
Tilney Farms 45

U

Union Products Co. 43
U. S. National Blue Ribbon Sale 40

V

Voeburgh, Chas. 65

W

Waterloo Pedigree Co. 62
Westlea Farm 49
Weston Mfg. Co. 61
Wetmore, F. C. 65
Wisconsin State Dept. of Public
Wis. St. Dept. of Public Welfare 13
Wuethrich Creamery Co. 59

National
DAIRY CATTLE CONGRESS

Entry Closing Date
Friday, September 8

YOUR NATIONAL SHOW—In less than two weeks all entries in the 1950 National Holstein show must have been mailed to the National Dairy Cattle Congress at Waterloo. Nearly 400 Holstein cattle were entered in the thrilling 1949 national, and with additional stall space available this year, even more are anticipated.

HOLSTEIN BREEDERS WELCOME—Every Holstein breeder will thrill at the selection of the national champions in the 3,300 seat Hippodrome building. It's at your national show where true breed type is molded. You should be among the quarter-million present, so make your plans to attend today by writing to the Housing Bureau, Waterloo Chamber of Commerce for reservations.

ENTERTAINMENT—Highlighting this department is the thrilling, spectacular Hippodrome show, held each afternoon and evening. When you attend, you'll see the nationally-famous "Parade of Champions"; spirited competition in the mid-west's finest saddle horse show; plus a hand-picked collection of the country's most thrilling circus acts which have been on their nation-wide tour this summer.

The Climax of Your Show Season

SEPT. 30-OCT. 7 WATERLOO IOWA

THE '45TH' SALES RING

Three farmer breeders from three different states have recently written the Secretary of "The 45th Breeders" and each one wrote, "We are interested in animals of "45th" breeding because they are getting more popular in our section". All of them were looking for high test. The demand for medium priced heifers has been beyond our efforts to meet. There are several very choice ones yet available.

LOT # 10—Bull Calf. Westfall Eunice Federate Marathon, born November 12, 1949. Well-marked, typey individual about 50% black and 50% white. Sired by Westfall Eunice Federate (VG), whose early proving indicates a very substantial increase on milk and fat on his first daughters. The dam is Westfall Major Maggie (GP), a Major Sixth daughter, whose first four lactations total 50,051 milk, 1922.9 fat, with a test of better than 3.9%. In her present lactation Maggie promises by far her best record, which should be well over 600 pounds of fat on 2X. Price $350.

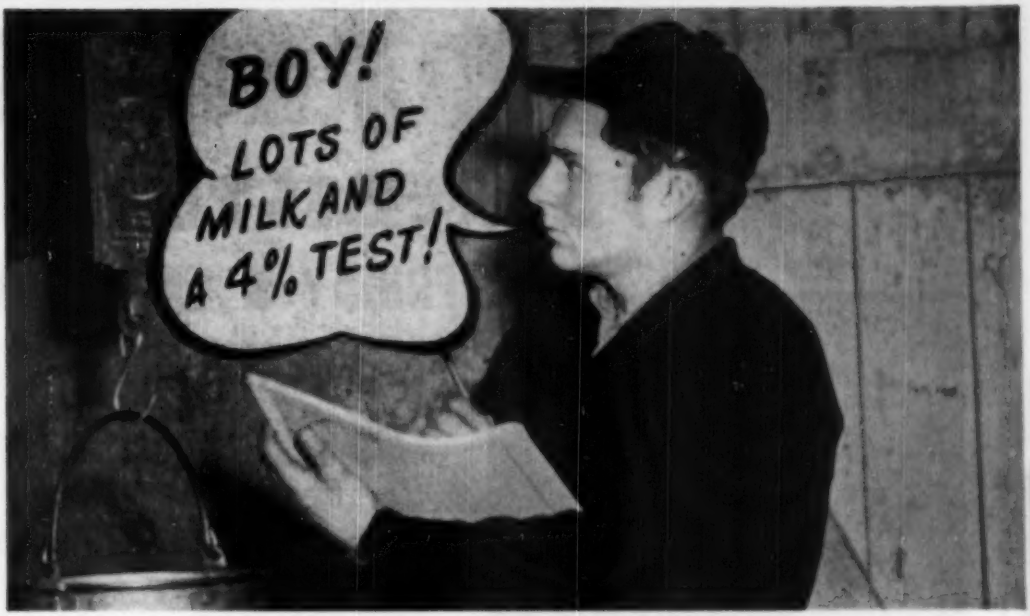
LOT # 13—Month old Bull Calf, grandson of Conqueror, only living son of 45th and Baker Farm Dauntless. This calf has a combination of two Excellent — Gold Medal grandsires, both proven for high test production and type. His own dam is a New Jersey Gold Certificate cow with over 100,000 lbs. of milk with high test. Price $200 if taken right away.

LOT # 18—Bull Calf Bargain. Month old male from a beautiful and high producing daughter of Eunice, the great Excellent cow at 12 years of age at Westfall Farm. She now has over 5,000 lbs. of fat with high test. The sire of this calf is a son of Dunloggin Design, Excellent and Gold Medal and from a dam with 4.6% test with good production. Here is Woodmaster and "45th" breeding. Take him immediately at $200.

LOT # 20—Four months old Son of Goliah V.G. proven outcrossed son of Chief. Gold Medal inbred son of 45th. Goliah is a well-proven bull, showing an increase of over 1,100 of milk and 47 lbs. of fat. His oldest daughter just reported with 18,116 milk, 692.5 fat, 3.8% at 5 years. Calf's dam is by a proven V.G. son of Conqueror now in service in Southern Illinois A.R.A. Her 2-year-old record just over 15,000 milk and just under 600 of fat on 2X. The second dam, a State Champion 3-year-old. This calf combines "45th" and Winterthur breeding.

LOT # 25—Several members offering full or half interest in sons of Gold Medal Excellent and Very Good "45th" inbred or linebred sires. Your inquiry will be referred to 25 breeders. Every dam will have records and most of them are classified. State your needs and every effort will be made to fill them.

"THE '45TH' BREEDERS"
BOX 86
Highland Park, New Jersey



RAISE YOUR BUTTERFAT TEST— ADD SOME "45th" BLOOD!

Butterfat test up to 4% and better along with high milk and butterfat production make the "45th" bloodlines so much in demand. What this "45th" quality has already done for herd owners from Maine to California, **"45th" blood can do for you!** Here's positive proof of the herd-building power of the "45ths". Read in the next column what one herd owner has to say about this proved bloodline:

"We sell a top quality milk; so we need a consistent herd-wide fat test near 4%. For the past 12 years we have been concentrating on "45th" bulls. Before using "45th" blood, our low test nearly lost us our milk market. Today, we are glad to say more cows test around 4%, and there's no animal in our barn testing less than 3.6%."

BETTER BUY "45ths"!
Look over the **Sales Ring** on the opposite page. Here you will find selected "45ths" of sound quality and value.

NO WONDER BREEDERS ALL OVER THE COUNTRY ARE SWITCHING TO "45ths." THEY KNOW THAT "45ths" ARE NOTED FOR:

1. **Uniformly high production on 2X milking.**
2. **Herd-wide high test.**
3. **Moderate prices for foundation animals.**
4. **Consistently good type.**
5. **Building more and better herd profits.**

SEE THE SPECIAL OFFERINGS IN THE SALES RING ON THE OPPOSITE PAGE

TOPS FOR TEST & TYPE

"THE '45TH' BREEDERS"

represents breeders of fine Holsteins from Maine to California and Canada to the Gulf.

PILFOUR FARMS

175 REGISTERED

25 GRANDDAUGHTERS SELL!

Montvic Lochinvar

Richly Rag Apple bred, he early gained fame as the sire of beautiful type with sensational udders, and of exceptional production. Now he is gaining greater fame through the amazing work of his sons. 3 daughters of his sons have already broken World Records, and 4 have over 1100 lbs. fat on 5X.

Mr. Goldsmith purchased a Montvic Lochinvar son from the 877-lb. cow pictured below in the Cooper Dispersal for $2,700. This was **Dunloggin Lochinvar Woodmaster**, and this dispersal includes 23 **Dunloggin Lochinvar Woodmaster** daughters, the oldest of which are now fresh and starting on test with exceptional production!

These 23 heifers are well worth your consideration—they have breeding, type, and they can produce.

23 GRANDDAUGHTERS SELL!

DUNLOGGIN CONFIDENT ADESSIC
AR 305d 4½y 3X 20520 M. 877.3 F.

A beautiful individual, she sold for $4,600 in the Cooper Dispersal. Her sire is Dunloggin Confident, and her dam is an 805-lb. 5X daughter of Admiral Ormsby Fobes Again. She is the dam of **Dunloggin Lochinvar Woodmaster**, who is by Montvic Lochinvar, and has 23 daughters selling.

BE SURE TO ATTEND THIS DISPERSAL—THE 23 DAUGHTERS OF DUNLOGGIN LOCHINVAR WOODMASTER, SON OF THE SIRE AND DAM PICTURED ABOVE, ARE IN THEMSELVES REASON ENOUGH FOR ATTENDING.

FRIDAY & SATURDAY
SEPTEMBER 15-16

Sale in Tent — Starts At 11 A. M. Each Day
T.B. Accredited, Negative to Blood Test,
Calfhood Vaccinated
ELIGIBLE FOR ANY STATE!

17 Cows with Records from 501 to 675 lb. Fat—Sell!
20 More—Mostly Heifers with Records from 404 to 497lb. Fat—Sell!

Eleven of the Animals Selling Are from Dams With Records from 601 to 814 lbs. Fat.

Nineteen More Are from Dams With from 500 to 598 lbs. Fat!

These High Record Cows Sell

Artis Pos. Col. Burke	315d	5½y	5X	15630	4.3% 675.0
Pilfour Winterthur Al.	394d	3 y	3X	18274	3.5% 647.7
Pilfour Ormsby Home.	367d	2½y	3X	19386	3.3% 628.2
Pilfour Ormsby Wald.	360d	4 y	3X	16758	3.5% 591.7
Pilfour Ormsby Bushy	305d	5½y	3X	13471	4.4% 589.3
Ormsby Jerry Netherland	305d	5½y	5X	13320	3.8% 586.7
Pilfour Piet. Ormsby	305d	2½y	5X	14427	3.7% 540.7
Pilfour Ormsby Beets	305d	5½y	5X	15023	3.6% 540.7
Pontiac Ideal Queen	360d	5½y	5X	15087	3.5% 541.3

You will find many high producing cows here, and there are records being made on all the cows. This herd is being run in AR, Herd Test, and DHIA. Every milking animal has a production record.
Complete Catalogs Available at Ringside.

Bertram J. Goldsmith

Owner

Neshanic, New Jersey

BIG DISPERSAL!

HOLSTEIN CATTLE

Somerville, New Jersey

At the farm, Neshanic, New Jersey, 8 miles from Somerville, New Jersey.

91 COWS—
Many Fresh or Soon Due
55 Bred & Open Heifers
25 Heifer Calves
4 Bulls—Including Herd Sires

10 Daughters—14 Gr'daughters of this great proven sire

Winterthur Nebraska King Tivoli

DHIA Proven Sire

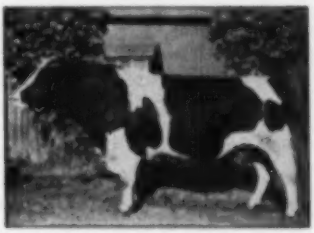
Comparison on 9 DHIA pairs—

Dam ave.	13459 M.	3.6%	486 F.
Dams ave.	9514 M.	3.5%	329 F.
Increase	3945 M.	.1%	157 F.

He has ten daughters with records from 527 to 674 lbs. of fat.

His 7 nearest dams, average 917 lbs. fat and 22,449 lbs. milk, 4.1% test.

His sire is Judge Quanette Nebraska, and his dam a former National Champion with 866 lbs. fat and 23,448 lbs. milk, 3.7% test at 4 yrs., 2X milking.



MONTVIC RAG APPLE GLADIATOR

"Very Good" son of Raymondale Ideal Successor from the beautiful "Excellent" Montvic Bonheur Dale, who made 785 lbs. fat, 4.2% test. A maternal sister to "Gladiator" is "Excellent" and has 822 lbs. fat, 3X, 3.95%.

Daughters of Montvic Rag Apple Gladiator have A R Records up to 818 lbs. fat, and 5% test. A "Gladiator" daughter topped the 1947 National Sale at $4,500.

DAUGHTERS OF THESE FAMOUS SIRES SELL!

RAG APPLE MONTVIC POSCH (36)
DUNLOGGIN LOCHINVAR WOODMASTER (23)
WINTERTHUR NEBRASKA KING TIVOLI (10)
NEWMONT MAJOR 6th (3)
SIR REGINALD JEWEL ALICE (2)
OSBORNDALE SIRE ORMSBY LOCHINVAR (2)
DUNLOGGIN CONFIDENT LINEMAN
DUNLOGGIN FOND PRINCE
DUNLOGGIN FON FRENCHMAN
ILLEHEE MONTVIC SEGIS
RAYMONDALE FOBES LAST
LAUXMONT MONCADE ROSE LAD

ANIMALS IN THE SALE CARRY SERVICES BY THESE SIRES

DUNLOGGIN LOCHINVAR WOODMASTER (4)
PILFOUR DUN-LOCH MODEL (18)
(Son of Dunloggin Lochinvar Woodmaster from 581-lb., 2X, 3.8% daughter of 521-lb., 2X, 3.7% dam).
NEWMONT MAJOR 6th (12)
GREENWOOD RECTOR (6)
SIR REGINALD JEWEL ALICE (6)

36 Daughters of Rag Apple Montvic Posch Sell!

Rag Apple Montvic Posch is son of Montvic Rag Apple Gladiator from an 814-lb. daughter of Montvic Posch Rag Apple. His dam has yearly tests to 4.7%. It was a three-quarter sister to Rag Apple Montvic Posch that sold for $4,500, and another that tested 5% in A R work.

Daughters of Rag Apple Montvic Posch are now in production, and their average test is over 4%. One of his oldest daughters on test as a Junior 3-yr.-old has 521 lbs. fat in first 290 days on 2X, and her test is 4.5% to date!

You will have thirty-six separate opportunities to purchase a daughter of this richly Rag Apple bred, proven 4% sire. Plan to be at this sale.

R. AUSTIN BACKUS

Mexico, N. Y.

Sales Mgr. & Auctioneer

Our Best Ads Aren't Written - THEY GROW!

HERE at Hickory Creek Farms the results of our breeding program are beginning to be evident in every available calf pen. We are now getting youngsters sired by Crescent Beauty Supreme, Hallrose Hazel Lad, and Willow Springs Crescent Prince. These bulls have been mated to the cow families that make up the foundation at Hickory Creek and they represent families that have proved their ability generation after generation to make the right kind of Holsteins.

We like cattle **big**, we like them **dairy**, we like them with **good udders** and we like them with the **ability to make milk and fat efficiently**—the foundation families were based on those characteristics and from them are coming youngsters that will make their place in the dairy world.

The entire herd is on year after year test in DHIA, thus we have records on the dam of every calf born at Hickory Creek Farms. A R records are a part of our program and many cows will have AR records as it is our present plan to keep about 20 cows on AR test at all times. It is our plan to continue a classification program that will give us a type rating on every animal in the herd as they become old enough. At the present time there are many outstanding records in the making from cows with high classification ratings; and from these cows are coming, (many are already here) youngsters that as babies are fulfilling every hope we had for them. From these matings are coming outstanding heifer calves on which we are building our future. Some bull calves are arriving from matings that we had fervently hoped for heifers, for they are right in the heart of the breeding that is doing the best job for us. We cannot use in our own program all of these outstanding bulls—perhaps in your herd-building program we have just what you have been looking for, for we have available at all times young bull calves from high record cows with high classification ratings.

The best job of advertising we could possibly do would be to have you, as a Holstein breeder, study the results of the matings we have been making. Come and see them and let the animals themselves explain our breeding program.

HICKORY CREEK FARMS

West McHenry, Illinois

Howard Foundries
Owner

A. C. "Whitie" Thomson
Herd Manager

The Sixth Annual

BARRON FALL SALE

MONDAY — OCTOBER 16

At Barron, Wisconsin

Will again offer 60 head of choice selected foundation seed stock. Our standards are the same as in the past with each breeder representing his herd with some of his top bloodlines.

We prefer cow families that are proven through good production and type with long livability.

Anyone wishing to take part should contact us at once so that we might include you on the Sale Committee's inspection trip.

REMEMBER!

THE BARRON FALL SALE

FOR SELECTED FOUNDATION SEED STOCK

• • •

R. W. KOEPP, Mgr. **Rice Lake, Rt. 1, Wis.**

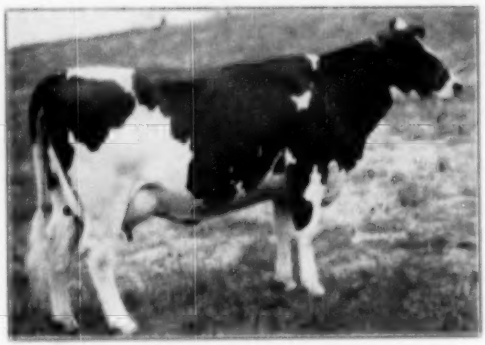
The Jonabell Herd

The Utmost in Quality Holsteins

Jonabell Sculptor

Is Now Our Senior Sire

— HIS DAM —



BELLEVUE ORMSBY FIRST LADY (Excellent)
3y 305d 5X 18273 M. 3.5% 644.4 F.
5 A. R. daughters
4 with 611, 684, 710 and 953 lbs. fat

Three of her older sons, Rex, Chief and Knight, have all been used with great success at Jonabell. Now we are giving her youngest son, Sculptor, an opportunity and are getting some great offspring by him.

SCULPTOR is Sired by JONABELL SOLID GOLD

Solid Gold, our former son or sire, now getting a wider opportunity in the Northern Ohio ABA, is a son of Jonabell Rena, our great transmitting 113,000-lb. Deubler daughter. Sire of Solid Gold is Jonabell Gold, a double grandson of Deubler and grandson also of Marigold and Larkspur.

WE HAVE EVERY CONFIDENCE IN SCULPTOR

Because We Know the Blood Lines Back of Him

JOHN A. BELL, JR. — Oliver Bldg., Pittsburgh, Pa.

Jonabell is Located Near Sewickley, Pa.

This

is

WAKEFIELD SOVEREIGN PATHFINDER

Our son of SOVEREIGN from a "Very Good" 548-lb. 2X daughter of Montvic Pathfinder 27th. 20 of his daughters in our herd — 9 milking and exceeding their dams.

HAR-MAR FARM

"Very Good"

HAROLD E. THOMAS
New Hartford, N. Y.

Better Farming Methods—

(Continued from page 31)

$20 to $130, Chicago. Bran may drop a little seasonally during the harvest period, but other mill feeds will probably continue firm at present levels or even a little higher.

Milk and Milk Products. Dairies in Chicago announced a ½ cent raise in the price of milk on August 1 and this trend will no doubt be followed in other parts of the country. Butter and cheese prices were also rising during July. Ice cream continues to increase in popularity with per capita consumption in 1950 estimated at 17.5 pounds as compared with 9.4 pounds for the 1930-39 average. Advertising did that job and can do the same for butter in spite of the inroads of oleo. Evaporated and powdered milks continue in good demand with prices steady to firmer. The outlook is for better prices to the dairy farmer with higher feed costs cutting into the profits.

Beef Cattle. Choice beef steers brought a high of $33.25 in the Chicago market on July 5 and then dropped to reach a low for the month of $31.50 on 20th and two succeeding days. For the rest of the month $32.50 was the common price. Average prices for all steers varied from $29.35 to $31.10. From this it is clear that the war news did not affect the beef market as much as it did hogs. Feeder steers continued high mainly because farmers were buying heavily of anything that will take on weight on pasture and feed.

Hogs. The war scare put hog prices on the rampage in July jumping top barrows from $22.50 in Chicago on July 1 to $25.40 on the 13th. This was the highest price paid for hogs since November, 1948. These rising prices attracted such a large run that prices dropped to $24.25 on the 15th. Prices then rose gradually to $25 on the 28th. High hog prices should continue for the time being.

Lambs. Prices for choice lambs in Chicago followed a trend contrary to that of hogs during the month of July with a top of $29.25 on July 7 followed by successive drops to $27 on the 15th and then strengthening to $28.25 on the 29th.

Poultry and Eggs. Prices of eggs and poultry followed the same upward trend as other farm products in July, but larger cold storage stocks of eggs, fryers, roasters and turkeys will tend to slow up the rise of prices in these same products. Continuance of the war will be of great assistance to turkey raisers since the government is most certain to want these extra birds for the armed forces.

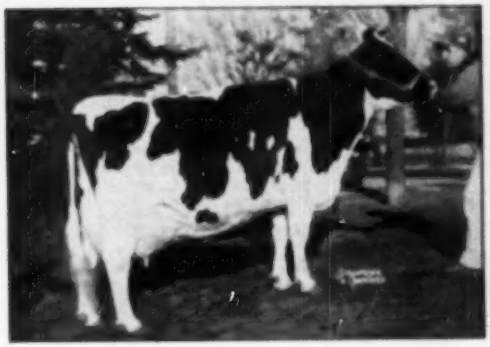
INTRODUCING—

SKOKIE GOLDEN PRINCE

Our New Herd Sire

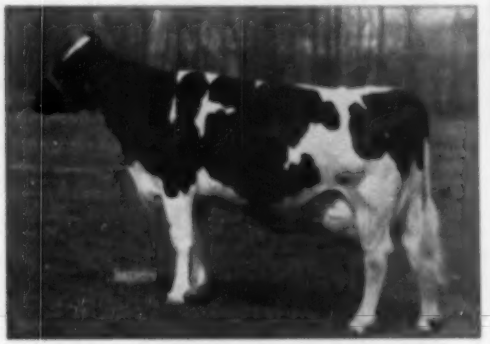
Skokie Golden Prince — born 6-17-49
Son of Dunloggin Golden Princess and Dunloggin Lochinvar Prince.
(photo at 12 months 2 weeks)

— HIS DOUBLE GRAND DAM —



DUNLOGGIN MISTRESS LAPRINCESS "E"
Reserve All-American Aged Cow 1946.
365d 5¼y 2X 1047.6 F. 3.8% 27478 M.
Daughter of Dunloggin Woodmaster and from a daughter of Laird of Dunloggin.

— HIS DAM —



DUNLOGGIN GOLDEN PRINCESS
Honorable Mention All-American 4-yr.-old 1946.
365d 7y 2X 1046.8 F. 4.2% 24647 M.
Daughter of Dunloggin Mistress LaPrincess and Dunloggin Golden Cross.

We have awaited the birth of "GOLDEN PRINCE" since 1945 when we purchased his dam (daughter of the LaPrincess cow and Golden Cross) for the express purpose of getting a bull sired by "Prince" and thereby doubling up the blood of Princess, the greatest cow with the best udder we knew of. "GOLDEN PRINCE'S" dam, sire and double grand dam, we believe, are the greatest living family today and possess more of everything that is sought in breeding ideal dairy cattle than any other family in the history of the breed—they all possess and transmit exceptional show type with exceptionally good legs; they all possess and transmit exceptionally good udders; they all possess and transmit exceptionally high production with exceptionally high test; they further possess and transmit exceptionally fine dispositions and they have proven to "nick" with all lines of breeding.

"GOLDEN PRINCE" will assist his sire, "Prince" in service at Elmwood (no artificial services will be for sale from Golden Prince at any price). He will be used on selected herd matrons of exceptional production and merit and proven transmitting ability to produce (we hope) the most exceptional unselected group of sons for herdsires in the breed. We plan to use his sons on our daughters of Prince and sell some of these very limited and selected bulls to the most discriminating breeders.

ELMWOOD FARMS

Lake Forest, Illinois

THE U. S. NATIONAL BLUE RIBBON SALE

MONDAY — NOV. 6 — AT WAUKESHA, WIS.

TUESDAY — NOV. 7 — AT WATERTOWN, WIS.

Direct From the Heart of Carnation

Comes as Great a Heifer as Carnation Ever Sold

— HER SIRE —

HALLROSE PROGRESSOR
Excellent — Gold Medal Sire

— HER DAM —

CARNATION HOME PRINCESS MAY
May 3084 4X 31821 3.8 1210.3
1st on the 1948 Honor List

— THE SERVICE SIRE —

CARNATION IMPERIAL MADCAP LAD
Plus proven son of Carnation Governor Imperial from Carnation Homestead Violet (1115 F), member of both All-American Gets of Governor of Carnation.

Carnation Lola Princess May 3082212

Born Sept. 13, 1948

A daughter of Hallrose Progressor (Excellent-Gold Medal), who is one of the main herd sires at Carnation and Hallrose.
Dam, Carnation Homestead Princess May, 1210-lb. producer and member of the 1940 All-American Get by Governor of Carnation. She comes from the sensational Princess family at Carnation and is the dam of the $10,000 Carnation Inspiration.

Due January 7, 1951 to

CARNATION IMPERIAL MADCAP LAD

This bull, now in heavy service at Carnation, has a plus proving of 38 lbs. fat and a plus of .22% on 483-lb. 3.50% dams. He is one of the greatest sons of Carnation Governor Imperial and is from Carnation Homestead Violet, 1115-lb. Governor daughter and member of both of the All-American Governor Gets.

THIS IS AN OPPORTUNITY THAT COMES BUT SELDOM

If Her Calf Should be a Bull

He Would be PRICELESS!

— — — — — —

Watch for Later Announcements

We Want to Tell You About a Carnation Bull

And Other Sensational Offerings

From Good Herds East and West

Baird & Darcey

Sale Managers

Waukesha, Wis. **Watertown, Wis.**

The Westfall Index

(Continued from page 21)

kept, of course, all of Eunice's daughters. She has made it clear she was a great cow since her first pail of milk. But in the early days, I am sorry now to say, we sold Tene's first heifer because Tene appeared to be mediocre. We raised her second, despite the fact that she classified only Good. And Tess was a better producer than her dam, Tene, by far, going up to 94.26 (as compared to Tene's 76.27) on combined type and production. And when we add the health factor, history begins to repeat itself because Tess goes up to 103.2, showing an inheritance of Tene's outstanding vigor.

Unfortunately, Tene's last six calves have included only two heifers but we're hanging on to them for dear life. Thanks to the discovery through the use of our index of this strong family trait, these heifers may help improve our base herd in future years. I could cite numerous similar examples, favorable and unfavorable discoveries. But either way, it's better to know and that's why I recommend to every breeder the establishment of some kind of type, production, and health index.

(Prepared for Heard's Dairyman and Holstein-Friesian World. The author is a vice-president of General Foods and owner of Westfall Farm in New Jersey.)

Visit to Loganbell

(Continued from page 22)

the haying season, it has been impossible to make much speed. As a result, they were not quite finished with the first cutting although the second cutting on many fields was already overdue. The Loganbell cows will eat this winter if the boys can get the hay cured and in the barns.

The cows at Loganbell are worthy of their good feed. They have just completed their first year of Herd Test, with 12,867 M. 3.6% 461.7 F. on 50 head, 36 on 3X and 14 on 2X. The DHIA figures for the year ending May 31 are slightly higher, 12,881 M. 473.4 F. on 64.98 head.

The herd was classified this spring by Clair Miller, who found one Excellent, 15 Very Good, 28 Good Plus, 16 Good and three Fair, for a score of 82 on 63 head. The Excellent cow is Rolling Knoll Mistress Dora Peach, a Master Stroke daughter purchased in the Amcana Dispersal and classified there. Her HIR record, recently completed in the Loganbell herd is 16,576 lbs. milk, 3.9%, 656 lbs. fat. She has a heifer calf sired by Maple Haven Varation, their senior sire. The other Excellent cow that they purchased in the Amcana Dispersal, Johanna Marathon Belle, was unfortunately lost.

A third Amcana purchase, Sue Sovereign, V. G. daughter of Montvic Rag Apple Sovereign, gave them a bull sired by Monogram Duke that is now just turned a year old and already in service as junior herd sire. The dam, Sue Sovereign, is due again in December by Varation. Also from Amcana came McDonogh Golden Belle, classified V. G. and making a Herd Test record of 655 lbs. fat at Loganbell.

Other Rag Apples at Loganbell in-

HERDSMAN WANTED

For registered Holsteins. Very modern farm, pleasant surroundings, good future. This is not an average position. An outstanding well recommended man required. Application must show background, education, experience, with references. State salary expected, size of family. Apply

DAN AMES

17 East Avenue, Rochester, New York

SWITCH TO KOWTOWLS® the *EASY* way TO CHECK MASTITIS!

TIRED OF THIS?

Like to duck the daily task of washing, boiling and sterilizing cloths? Then prepare your cows for milking with sanitary Nibroc KOWTOWLS. These handy, throw-away paper towels not only eliminate a tiresome chore, they help prevent the spread of mastitis through your herd.

Why take chances with the health and milk production of your cattle when simple, *effective* KOWTOWL protection is so inexpensive?

SWITCH TO THIS . . .

Wash each cow with a fresh, clean KOWTOWL. You can use these specially made paper towels as you would cloths . . . they're thick enough to soak up a lot of cleaning solution and strong enough to stand up under vigorous rubbing and massaging. You can dry with a KOWTOWL too . . . just wring it out and wipe teats and udders free of moisture. Then get rid of mastitis bacteria by throwing away the towel. It's as simple as that.

Don't wait any longer to get effective KOWTOWL protection. Fill out the coupon below and get started with this easy, safe, more efficient way to prepare your cows for milking.

ENDORSED BY VETERINARIANS, INSPECTORS, DAIRYMEN

Nibroc KOWTOWLS

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NIBROC KOWTOWLS • NIBROC TOWELS • NIBROC PAPERS • SOLKA & CELLATE PULPS • SOLKA-FLOC • ONCO INSOLES • CHEMICALS • BERMICO SEWER PIPE, CONDUIT & CORES

Sales Offices: 500 Fifth Avenue, New York 18, N.Y. • Mills: Berlin, New Hampshire

OFFERING

Several Heifers

A Few Heifer Calves

and a couple of

Good Foundation Cows

We have more than we can carry through the winter; therefore we are offering a few at private sale to those who want some real foundation animals regardless of freshening date. Calves can be shipped via crated express.

These animals are all rich in the blood of the famous high-test Montvic Chieftain 7th. We are not sacrificing them but if you want to improve your foundation for high test at a reasonable price for such quality, drop us a line or come and see them and we'll be glad to give you details.

KNOLLWOOD FARMS

(10 miles east of Rochester, Corner of Monroe-Wayne County Line Road and New York State Route No. 286)

Daniel I. Mayne, Owner **R. D. 1** **Fairport, N. Y.**

clude Butterfly Ve-Ira Lochinvar, young full sister to the Butterfly herd sire, Veediction. This young daughter of Lochinvar from Vera will be remembered as the top heifer in the Butterfly Sale of 1947, when she was purchased by Otco Farms, who later consigned her to the Wolverine Classic of 1949, where Mr. Williamson bought her. She proved not to be with calf and was re-bred artificially to Dunloggin Romeo Var, the Otco son of Lochinvar from the twice 1000-lb. daughter of Woodmaster. From this service they have a bull calf born in May and the dam, Ve-Ira is starting off at a fast clip as a senior two-year-old, averaging over 50 lbs. a day of 4.2% milk for her first three months.

Probably the largest cow in the herd and certainly one of the handsomest is Knollwood Rag Apple Shirley, a daughter of Montvic Chieftain 7th. At Butterfly she made 644.7 lbs. fat with 4.4 test as a senior 3-yr.-old, then was sold in the Butterfly Sale to Reedhill, where she made 567.7 lbs. fat with 4.2% test in an incomplete lactation. At Loganbell they have had bad luck with her but she looks fine now and has been classified Very Good.

Loganbell's top record of the year was 757.1 lbs. fat, made by a Canadian bred cow named Liflox Mona Lisa. Another 700-lb. cow in the herd is Bellevue Design Again Alma, with 708.6 lbs. fat as a junior 2-yr-old, she a daughter of Design Again, the 127-lb. plus proven full brother to Dunloggin Design. Since they purchased her at the Bellevue Dispersal last March, she has given them a son by her own sire and they also have a design Again son from their other Bellevue purchase, Bellevue Veeman Pontiac Rose.

An interesting group is made up of the four daughters of Montvic Rag Apple Trailblazer, all carrying the Tranquility Farm prefix. The four

EASTERN NEW YORK DISPERSAL

MONDAY — SEPT. 11 — GHENT, N. Y.

About 14 Miles East of HUDSON, N. Y., on Route 217 — 8 Miles South of Chatham. Easy to Reach from New England.

65 REGISTERED HOLSTEIN CATTLE

T.B. ACCREDITED — BLOOD TESTED — CALFHOOD VACCINATED

DHIA Herd Average About 400 F. 10,857 M. and Doing Even Better This Year

42 cows and first call heifers nearly all fresh or close. **A 3-yr.-old Grandson of DUNLOGGIN WOODMASTER**

27 yearlings and heifer calves. **Selling With 24 of His Daughters**

His dam a 500-lb. 2X full sister to Dunloggin Mistress DeOrmsby (1082 lbs. fat).

IT'S A CHOICE HERD IN EXCELLENT CONDITION, WELL-GROWN, VERY OUTSTANDING

Complete Line of Farm and Dairy Equipment in Forenoon — Cattle Sell at 12:30

R. AUSTIN BACKUS, Sale Manager & Auctioneer
Mexico, New York

SAM JACOBSON, Owner
Ghent, New York

ARTIFICIAL INSEMINATION

I learned early in life by looking through a microscope that nature was extravagant with sperm cells. At that time I conceived the idea of breeding several cows or mares at one service of the sire. I immediately set to work trying to find all written literature on the breeding subject. All that I could find was that in 1682 a scientist bred a dog artificially.

Forty seven years ago I saw in the future the great advantage of artificial breeding. At that time I patented a breeders bag and an impregnator (on record at the patent office). I was ridiculed and was told that the calves would come without tails. I was determined to carry on this experimental work. I was convinced that it would make an extra good bull valuable. I hired a staff of professional men to work with me on this subject that is now being acclaimed as something new. At that time I was editor of The American Breeder. Many requests were received to see a demonstration on Artificial Breeding. I do not claim to be the man who originated Artificial Breeding, but the man who gave it to the breeder in a way he could use it.

In the year of 1909 the first term of The Graham Scientific Breeding School was held in the Kansas City Veterinary College.

Early in our work we could not understand why one cow would get with calf and the next one remain empty. After a careful examination we could find nothing wrong with the organs of a sterile cow which is the greatest loss in the livestock business.

We tried all known methods of breaking cysts, squeezing out yellow bodies and drainage pus without results. I made the discovery which redeemed 90 percent of the barren cows of a breeding age, not ruined by human hands. It proved to be largely a matter of circulation, a dormant condition. Thousands of our students have proved this statement. The next big discovery was the control of Bang's Disease.

This school is brought to you at seventeen locations in the breeders' language. We can teach the average breeder or herdsman how to produce a calf annually. We are now securing semen from the bull without service and breeding cows by this method. We have another plan of breeding two or more cows at one service of the bull that any farmer can use. Our students were using artificial breeding in this country before it was introduced to the breeders in Europe. This information on breeding subjects cannot be secured elsewhere.

We fear that the subject of Artificial Insemination will be seriously damaged unless necessary changes are made. The percentage of calves is too small. Every technician should attend this school to prevent disease or injury.

Our research work continues on our two thousand acre Experimental farms.

Most of this work can be done only by the breeder or herdsman who is with the cattle daily. It would be too expensive to hire it done. It would require too many trips.

Diagnosing pregnancy is the foundation for our work which is easily taught. The medicine for a barren cow treatment will cost ten cents. We ripen the cotyledons in removing the afterbirth. For Breeders and Herdsmen only.

SCHOOL HELD FIVE DAYS

TUESDAY MORNING TILL SATURDAY NIGHT

Boston, Mass. Mangrt Hotel	Oct. 17-22
Montreal, Que., Can. Mount Royal Hotel	Oct. 24-29
Harrisburg, Pa. Bolton Hotel	Oct. 31-Nov. 5
Atlanta, Ga. Atlantan Hotel	Nov. 14-19
Memphis, Tenn. Gayoso Hotel	Nov. 21-26
Ft. Worth, Tex. Hotel Texas	Nov. 28-Dec. 3
Kansas City, Mo. Pickwick Hotel	Dec. 12-17
Richmond, Va. King Carter Hotel	Jan. 2-7
Newark, N. J. Hotel Essex House	Jan. 9-14
Cleveland, Ohio Allerton Hotel	Jan. 16-21
Chicago, Ill. Sherman Hotel	Jan. 30-Feb. 4
Minneapolis, Minn. Dyckman Hotel	Feb. 6-11
Denver, Colo. Albany Hotel	Feb. 13-18
Portland, Ore. Washington Hotel	Feb. 27-March 4
Sacramento, Calif. Senator Hotel	March 6-11
Los Angeles, Calif. Alexandria Hotel	March 13-18
Cincinnati, Ohio Hotel Gilmon	March 27-April 1

$80.00 pays round trip railroad coach or bus fare and tuition, if the carfare is not over $25.00. Send for catalog.

Graham Scientific Breeding School

Frank B. Graham, Manager

216 East 10th St., Kansas City 6, Mo.

TWINS FOR THE LEHNERS

Mr. and Mrs. Howard Lehner, Oconto Falls, Wis. have announced the birth of twin sons, Richard James and David Nelson, born May 6th, 1950.

WANTED: Herdsman

Experienced herdsman for well-established, high-quality Western New York herd. Steady job. Good house and privileges.

BOX 544

H-F WORLD LACONA, N. Y.

MINRALTONE HELPS BUILD CHAMPIONS

Here's a group of daughters of Good Acres Advancer, Approved Good Acres' outstanding herd of Ayrshires is noted for its uniform good health and high production. They're MinRaltone fed.

Good Acres' Outstanding Herd Protected Against

HIDDEN HUNGER*

Good Acres, a 1000 acre farm at Waynesboro, Pa. boasts 290 head of fine Ayrshires. The herd's excellence is widely known—and judging from the photograph above, it will continue to produce standout Ayrshires.

Mr. D. W. Good is owner of Good Acres, Franklin C. Goshorn, Manager, and Charles A. Wagner, Herdsman. According to these men—"*We've been feeding MinRaltone at Good Acres for five years, premixing it, and allowing the herd free access to it. We find MinRaltone helps keep our herd in top-notch condition.*"

What MinRaltone will do for one breed, it will do for all. Follow the lead of successful dairymen—feed MinRaltone to your herd. MinRaltone protects against Hidden Hunger* because it contains 11 essential mineral elements with Vitamin D. Write for free MinRaltone feeding booklet and complete details.

NEAR'S FOOD CO., INC. • BINGHAMTON, N.Y.
Plants in Binghamton, N. Y. — Forsyth, Ga.

*HIDDEN HUNGER — Lack of essential mineral elements needed by livestock for sturdy health, rapid growth, peak production and reproduction.

NEAR'S

MINRALTONE

HEALTH - PRODUCTION - PROFITS

made first call records averaging 590 lbs. fat from 13,690 lbs. milk, 4% test. One of the four classified V.G. and as it happens, she is the only one of the four that failed to produce over 500 lbs. fat and the only one that tested below 4%.

Another fine group of sisters came from the Dr. Strickler herd, daughters of Walker Imperial Palmyra Joe (V.G.), who has a plus proving in DHIA of 120 lbs. fat on 18 pairs, a son of Carnation Governor Imperial. Several of these sisters made Herd Test records from 600 to 676 lbs. fat, one of the best of them, with 565 lbs. fat, being the dam of Strickland Walker Piebe, one of the Loganbell herd sires. This bull, intensely Carnation bred on both sides, would be quite a show bull if he had a bit more size and scale and if he could be handled.

The main herd sire at Loganbell is Maple Haven Varation, already mentioned. He is a son of Dunloggin Var (Lochinvar from Confident Queen) and is out of a Lochinvar daughter from a Woodmaster dam. This bull has made a fine development since we saw him at the Maple Haven Dispersal and his calves at Loganbell, the oldest daughters approaching breeding age, are a choice and uniform lot. He is assisted in service by the Sue Sovereign son, also by the Carnation bull mentioned above, and also by a young son of Butterfly Verediction Lochinvar from Smithland Montvic Sensation, a 701-lb. 4.4% junior two-year-old daughter of Testmore Montvic Chieftain.

Those who have not visited Loganbell probably know the establishment best through Cecil Resseguide, who helps Mr. Williamson plan his purchases of foundation stock and usually represents him at sales. The farm manager is J. B. Swan, who is assisted by one of the Williamson sons, Jas. G. Williamson. Another son has charge of the Williamson foundry and industrial equipment business and a son-in-law, Lynn Hunter, looks after the milk processing plant at Bellwood, from which they retail between 1500 and 2000 quarts of milk daily, the big proportion of this produced on their own farms. Mr. Williamson is justly proud of the modern pasteurizing and bottling plant and of the business they have built up, starting from scratch and without buying out any milk routes. They have five trucks on the road now and orders are already in for sufficient equipment to double the capacity of their plant. The milk is all sold as Holstein milk, without standardization, with cream, cottage cheese and chocolate milk as side lines.

Mr. Williamson has his various businesses so well organized that nine men, including truck drivers, take care of the dairy, and with the aid of plenty of labor-saving equipment, seven men do the work at the farms. Two efficient young women, with modern calculating machines, comprise the office force for all the Williamson businesses. Presiding over the whole enterprise is the owner, J. E. Williamson, a graduate engineer with special talents for invention, salesmanship, construction and manufacture, and with an intense love for agriculture and fine live stock. His Loganbell Farms are still in the building stage, but he seems to be building soundly and well and already has made substantial progress.

—W. A. P.

Ralston Purina Company is building a new plant at Richmond, Indiana, which will have a capacity in excess of 75 thousand tons of livestock and poultry feeds annually. It is expected to be in operation by next spring.

IT'S A QUALITY EVENT

THE 257th EARLVILLE SALE

WEDNESDAY—AUG. 30

Sale Pavilion — Earlville, Madison Co., N. Y.

150 Reg. Holsteins

All from T.B. Accredited Herds and Blood Tested
Nearly All Calfhood Vaccinated
Many Eligible for Shipment to ANY State

80 Fresh and Springing Cows — 25 First Calf Heifers
25 Heifer Calves — 20 Top Service Aged Bull.

50 LEADING BREEDERS OF THE EAST CONSIGN, Including

THE HEDGE, Pine plains, N. Y., consign 3 head—2 daughters of CRESTON RAG APPLE KING from high record dams, both bred to DEAN RAG APPLE ORMSBY, a 9-months-old son of "CRESTON" from DUNLOGGIN FOND SPICY, an 801-lb. fat record double granddaughter of DUNLOGGIN WOODMASTER.

OSBORNDALE FARMS, Derby, Conn.—3 head—two 8-months-old heifers backed by solid lines of high record, high testing cows for generations. A bull born April 1949 by OSBORNDALE ORMSBY INKA LOCHINVAR, from 848-lb. 4-year-old, 3.8% daughter of SIR PIEBE INKA MAY FAYNE.

BROAD ROCK FARMS, Peace Dale, R. I.—2 lovely young cows and a service age bull all by DUNLOGGIN GRACIOUS MASTER. This is a very choice consignment; both heifers are due about sale time. The bull is from a good record dam.

W. W. SHERMAN, Bloomfield, Conn.—2 service age bulls, one from a 756-lb. fat record Dunloggin bred dam, the other by a Winterthur sire from a 671-lb. fat record 3-year-old own daughter of MONTVIC LOCHINVAR. This is a genuine show bull.

H. H. RATHBUN, Jr., Oriskany Falls, N. Y.—a yearling son of the $8100 sire, BAKER FARM HELBON THE GREAT from the "Excellent" show cow, CHARITY OF BAKER FARM with 661 lbs. fat and 18,282 lbs. milk, EX. This cow was a member of the All-American Get in 1942. She has a proven son and a daughter each classified "Excellent". This is a spectacular bred young bull.

ALDO PANCIERA, Westerly, R. I.—a 462-lb., 3.7%, 2X, 4-year-old daughter of OSBORNDALE SIR BURKE ORMSBY, due right at sale time.

JOSEPH NATALINE, Thompson, Pa.—a Feb. 1949 bull by son of DUNLOGGIN KING VAR. His own dam and sire's dam both are 4.6% and 4.7% testers of MONTVIC CHIEFTAIN 7th breeding. Here's high test on every side.

GENERAL COCHRAN FARM, Ft. Plain, N. Y.—3 head. A nice 4-year-old and 2 service age bulls from high record dams for generations.

JAMES H. STONE, Marcellus, N. Y.—an attractive consignment of 8 beautiful young cows. Plenty of eye appeal in this group.

FRANK N. DECKER, Syracuse, N. Y.—a yearling bull of his popular Thendara-Winterthur lines, good records, sensationally strong production inheritance.

SAM CHANDALL, Andover, N. Y.—6 beautiful first calf heifers, just fresh or ready. 50 years of Crandall breeding, rich in the Peach blood.

FRANK YARGER, Webster, N. Y.—10-months-old grandson of MONTVIC RAG APPLE SOVEREIGN from 562-lb., 3-year-old, 2X, 4.2% granddaughter of MONTVIC CHIEFTAIN 7th. Here is a high testing Rag Apple bull for you.

MONFORD KELSEY & Sons, Canastota, N. Y.—3 choice granddaughter of DUNLOGGIN ALL VAR, due soon after the sale. A service age grandson of MONTVIC LOCHINVAR from the Grand Champion female at Cortland County Fair, 1948.

THE KIND YOU ARE LOOKING FOR IN QUALITY AND BREEDING
Will be Found in This Long Established Sale
SALE STARTS 10 A. M. IN BIG COMFORTABLE PAVILION

R. AUSTIN BACKUS

Sale Mgr. and Auct., Mexico, N. Y.

Purebred Ass'n Program

(Continued from page 19)

ficials of the United States Livestock Sanitary Association has made much progress through regional conferences toward unification amongst the states in a region of their health requirements on animals entering a state.

The Research Council

Some years ago the Dairy Research Council was established with Dr. J. W. Bartlett as chairman and representatives of each of the breed associations and the American Dairy Science Association on the committee. The committee felt that the first need was to review and digest all the research work that had been done on various phases of dairy cattle breeding. The following papers have been completed, were mimeographed by the P.D.C.A. secretary's office and were mailed free on request:

Nutrition and Reproduction of Cattle by R. Gaurth Hansen and Paul H. Phillips.

A Review of Breeding Methods Used to Increase Production in Dairy Cattle by W. S. Gaunya.

Size and Its Influence on Milk Production by G. H. Berk and K. L. Turk.

Inheritance a Factor in Breeding Failures by W. W. Yapp.

In response to requests, over 1500 sets of these papers have been sent to every state in the Union, the District of Columbia and seven foreign countries.

The organization of a Dairy Cattle Breeding Research Foundation has been completed and the membership of each of the dairy breed associations has been invited to make contributions to the Foundation funds. It is hoped that sufficient funds may be raised so that the Foundation may be in position to make grants in aid to help various dairy departments finance experimental work on problems of vital interest to the dairy industry.

Artificial Insemination

The rules that should govern the registration of calves resulting from artificial insemination has been the concern of breed associations and dairy extension men for quite some time. It was perfectly natural that in a program that expanded as rapidly as did the organized artificial breeding program, with many varied conditions and organizations, the rules would be changed frequently.

We hope that the basic principles of the rules as recommended by a committee composed of representatives of the breed associations, the American Dairy Science Associations and the artificial breeding organizations in the spring of 1948 and approved by all

At eight years of age, Mendocino Molly Mate has an AR record in Class B of 28,133.0 lbs. of milk and 1,265.3 lbs. of butter fat. When she completed this record, the U. S. butterfat record for full-age cows was 1,227.4 lbs. and the world record, held since 1941 by a Canadian cow, was 1,263.0 lbs. The Mendocino California State Hospital herd has used Manamar for 17 years.

FOR RESULTS... USE FEEDS CONTAINING MANAMAR PHILIP R. PARK, INC. CHICAGO ILL. • SAN PEDRO, CALIF.

THIRD CHAUTAUQUA CLUB SALE

50 Holsteins

Dunkirk Fairgrounds — Mon., Oct. 2 — 12:00 Noon

Featuring 50 Head

Top Young Cows
First Calf Heifers
Young Herdsires

All Personally Selected by Adrian Personius
All Top Animals from Our Top Herds
Some Eligible To Go Anywhere
Open for Public Inspection Sunday Before Sale

CHAUT. CO. HOLSTEIN CLUB

Marvin Bly, Pres. Jamestown, N. Y. — Harley Dickinson, Sale Ch. Forestville, N. Y. — R. W. Cramer, Sec., Jamestown, N. Y.

PRODUCTION—Plus Proven & Polled (Hornless)

This again proves that Production, Conformation and Polled characters are possible without sacrifice of any of the three important factors.

Semen Available

The TILNEY FARMS

LEWISVILLE, MINNESOTA

St. Croixco Admiral Ollie Emperor 556017
Proving, EX-2054, UNDA:

6 dtrs.	12762	3.9	497
6 dams	11271	3.8	427
Incr.	1491	.1	70

the member organizations of the P.D.C.A., will not be changed too quickly. On January 1, 1949, there were 296 artificial breeding organizations that had been granted contracts to practice artificial insemination amongst purebred herds. On December 31, 1949, 839 artificial breeding organizations were under contract and today the number has been increased to over 1000.

Mr. Floyd Johnston, chairman of the P.D.C.A. Artificial Insemination Committee, in his report last January pointed out that in 1949 there were 516,177 herds consisting of 2,412,160 cows enrolled in 1263 artificial breeding organization in 46 states, and that the dairymen of America paid over $12,000,000 in service fees for artificial breeding.

There are many different types of artificial breeding organizations springing up in this country today. Many, I am afraid, are motivated solely by the thought that this field offers an opportunity for big and easy money. This presents a problem to the colleges, breed associations and artificial breeding organizations. It calls for education amongst the dairymen of a state as to the service offered by the regularly organized breeding organizations of that state and is a challenge to the breeding organizations to maintain in their bull studs only sires that meet the most rigid standards.

State Purebred Dairy Cattle Associations

There have been Purebred Dairy Cattle Associations organized in thirty-five states at the present time. It has not been the policy of the Purebred Dairy Cattle Association to organize State Purebred Dairy Cattle Associations; it has been our feeling that the organization should be fostered by the people in the state, because a State P.D.C.A. could be a vital force in the dairy program of the state. It has been my observation that the state associations have helped weld all forces within a state back of a sound, constructive dairy improving program.

The Purebred Dairy Cattle Association is very appreciative of the wonderful cooperation that has always been given us by the members of the American Dairy Science Association. We are desirous of continuing to work closely with you towards our mutual objectives of building a more efficient national dairy herd, and a more profitable dairy industry.

CREDIT OMITTED

The story on Boys' Village which appeared on the Junior Page of the August 5 issue, was written by Stanley Tschantz, Gahanna, Ohio. Mr. Tschantz is very much interested in the project at Boys' Village, Smithville, Ohio, where he has watched the progress of some of these boys in his Smith-Hughes classes. Mr. Tschantz is enrolled in the Veterinary College at Ohio State University. We apologize for omitting the credit line in connection with this story.

The 3rd Annual

OKLAHOMA SALE

65 HEAD

EDMOND, OKLAHOMA

At the Armory

MON.—SEPT. 11

Sale Starts At 12 Noon

15 Head of Club Calves Sold 11 A. M.

Offerings Include

5 GOOD YOUNG HERD SIRES

Ready for Service

From Dams with 500 to 700 lbs. Fat

The Sale Committee feels fortunate to have been able to select such an outstanding group from the best herds of Oklahoma and Kansas.

Write for Catalog and Information

to

C. O. Abercrombie

Secretary and Manager

Vinita — Oklahoma

STONEMARK HERD AVG. $599

The dispersal of the Stonemark herd of George & Dwight Stone, held Aug. 8 at Hutchinson, Kansas, made an average of $599.13 for 69 head. It is the highest averaging dispersal yet held in Kansas. Cattle went to six states with at least eleven states represented in the large crowd. Top of $2100 was paid for Columbus Lane Gerben Inka by Leo Hostetler, Harper, Kansas, who took three head for $3700. Robert W. Adams, Tulsa, Okla., took four head for $3400. Sale managed by T. Hobart McVay, Nickerson, Kansas. Full report next issue.

Michigan B. & W. Show

(Continued from page 22)

rugged son of Lakefield Winterthur Victor Fobes. Again Green Meadow had a Constellation son in the running, showing plenty of character and quality but without the breadth of rump and spring of rib of the winner.

The seven two-year-olds made an impressive lineup with C. B. Smith & Sons' Hartwood Burke Again, junior champion in 1948 as a senior calf, winding up in the premium spot because of his size, strength, barrel and depth of fore and rear rib. In second was Hy-Up's 1949 All-American nominee with plenty of promise but lacking the depth to place up.

Climaxing the bull classes were the eleven aged bulls. Due to lack of space they were judged outside the tent and then paraded before the spectators. When the breathless moment arrived, Farfields Champion was heading the procession. This tremendous six-year-old was moving much better than last year and in the opinion of ringside and judge alike was looking the best of his career. He has bodied down in keeping with his huge size and length, and had the edge in shoulder and rump to place over the very deep and impressive Milsons Sir Bess Bessie. Thus the H. A. Miller and Sons entry placed second while in third was last year's champion, For-Mar's Dunloggin Var, just recovering from a bout with pneumonia but still showing more dairy character than either of the bulls above him, although lacking the spring of rib and general condition to go higher.

A beautiful bunch of juniors came out in the junior heifer class with Green Meadow's nicely balanced granddaughter of Sovereign coming up for the blue. Thirty-four senior heifer calves posed a few questions for the judge but he selected Clayton Rohlfs and Sons' deep, straight and dairy heifer for the blue here over a Green Meadow sister to their junior heifer calf. This was one of the top quality classes of the day.

Billy Heppner a 4-H'er from Linwood, led his nice yearling to the top in a class of 23 junior yearlings and in the senior yearling heifer class H. A. Miller and Sons captured their first blue on Milsons Marathon Pride, the best bodied heifer in her class.

Rohlfs Lochinvar Korndyke Eva, the senior heifer calf, made junior champion female as being 1—Better than the senior yearling on her legs, 2—Better than the junior yearling on udder, and 3—Better than the junior calf on Body.

Immediately after the picnic lunch the great parade of milking age cows commenced with the aged cow class of 32 entries. Last year's winner and grand champion placed up for Lakefield, Saltford Heights Hope, due October 1st and a grand, big, strong, good uddered cow with extreme width of hips and pins—"One of the greatest rumped cows I ever saw," said the judge. Milsons Ormsby Bess Rose, a sister to the second place aged bull, was second for H. A. Miller & Sons, a cow with great capacity, and in third was Hy-Up's Kaymor Inka Wayne, last year's second prize in this class and first Best Uddered Cow—still a great cow but beginning to show her eleven years. In this class the first six places were all occupied by cows officially classified "Excellent"—giving an indication of the quality here.

Topping the four-year-olds was an outstanding dairy cow of tremendous size but still with the character, stretch and dairy quality to please the critical. She was Wood Glen Queen Maggie, showing dry but with a particularly nice rear udder. Hy-Up Farms showed Maggie to first as a three-year-old last year but due to calving difficulty she

KEEP MILKING MACHINES FREE OF MILKSTONE

KLENZADE

NU-KLEEN

REMOVES ALL LIME AND MILKSTONE — KEEPS TUBES, TEAT CUPS CLEAN AND SOFT

Newer Cleaning Methods for Lower Counts

KLENZADE FARM QUALITY PROGRAM

KLENZADE KLEER-MOR

Softens hardest water. Cuts through and emulsifies heaviest grease, fat, and soil deposits. Powerfully fortified with wetting agents for quick action and penetration. America's No. 1 farm cleaner.

KLENZADE NU-KLEEN

Specially designed for removing and preventing lime and milkstone deposits on milking equipment. Replaces lye and other strong chemicals. Cleans quickly, safely, economically. An important scientific advance.

KLENZADE X-4

Powerful liquid sodium hypochlorite bactericide for all sanitizing and disinfecting purposes. Quick acting, free rinsing. Leaves no sediment. Klenzade X-4 is the one sure step toward lower bacteria counts.

No more cloudy film-streaked milkers, pails, cans, separators . . . or milkstone encrusted claws, tubes, teat cups. Klenzade newer scientific products and the Klenzade Alternate Cleaning plan keep all your equipment sparkling clean, sweet, odorless, and bacteria-free. Thousands of dairy farmers everywhere are daily following this simple low-cost Klenzade cleaning program with gratifying results; lower bacteria counts . . . improved quality . . . bigger milk checks. It's easy, quick, effective — safe for equipment, safe for hands. Cuts needless drudgery . . . saves time . . . yet enables you to employ the same high time-tested sanitary standards used in America's finest milk plants. Ask your dealer. He'll gladly explain why the Klenzade Farm Quality Program is tops throughout dairyland.

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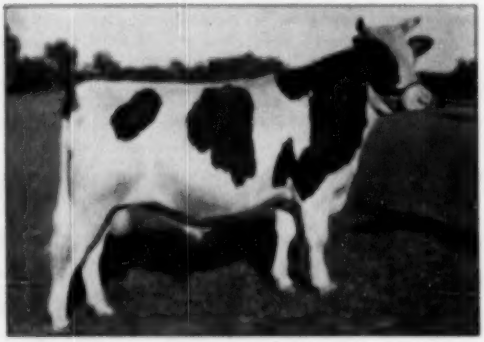
BELOIT WISCONSIN

Cleaning and Sanitation Specialists Serving the Dairy and Food Industries

BRANCH OFFICES AND WAREHOUSES THROUGHOUT THE NATION

Great-Grandsons of "Burke"

Sired by



PABST REBURKE VALE

Our double grandson of "Burke."

This fellow is now a 5-year-old, and the sire of a rapidly growing family here at GREEN MEADOW FARMS, that promises a bright future for us in the years immediately ahead.

He is a son of Pabst Regal (E. - G.M.), our favorite of all the great sons of Burke used at Pabst Farms. His dam is Pabst Burke Pride Vale (VG), a 749-lb. 4.1% daughter of "Burke", from a 741-lb. 4% daughter of the Gold Medal Sire, Pabst Cascader Pride. (Three Gold Medal Sires in his first three generations of ancestors — many more behind them).

"Vale" has been used a lot on daughters of "Constellation", every one of which is being run on AR test as they freshen (and doing 70 lbs. and more on 2X milking!). "Vale" bull calves of this combination are available now at real bull-bargain prices. We have others out of dams with over 800 lbs. at maturity. Send for our bull list — or better — come and see them all before you select your next herd sire. Buy a better bull for your money!

Green Meadow Farms

Elsie, Michigan

"Where the latch-string is always out!"

never got into a later show in '49. This year she's due August 18 and barring a major change in her appearance she's really one to watch. Second to her was a long-bodied cow shown by For-Mar Farms, following the style of the blue winner, very dark and flashy, but with not quite as balanced an udder as the Maggie cow. These two provided an outstanding pair of tops, and the winner became senior and grand champion.

Hy-Up came through again with a winner in the 5-year-old class, Horsthome Hillview Dewdrop, nice rumped and with a good, tight, quality udder. She was an All-American nominee as a yearling. Following closely was C. B. Smith & Sons' Frances Ann Texal Lower View.

A good class of 2-year-olds found Flying A Gerben Bessie from Creston Farms in the winner's position on a very close decision over Green Meadow Farms' Green Meadow Sovereign Pat. The Creston entry won out on greater depth of body and more even balance over the Sovereign daughter that classified Very Good after freshening in in March.

H. A. Miller & Sons took two of their home bred aged cows (one "Excellent," one "Very Good") to show the first Produce of Dam (Milsons Ormsby Bess), and then added their second aged bull to the lineup to take first senior Get of Sire (Rainbow Sir Bess Rose 16), then subtracting the bull and adding another female they also took the blue for Three best females bred by exhibitor.

Lakefield Farms used their second place 4-year-old and another female to come in second on Produce of Dam and also on Best Three Females with the addition of their 5-year-old.

Green Meadow Farms first junior yearling bull, third senior heifer calf and eighth senior yearling made up the first junior Get of Green Meadow Constellation with Millers in next on

West Virginia Dispersal — Thursday, September 7

40 Registered Holstein Cattle

CAMERON, MARSHALL COUNTY, W. VA.

WYLIE E. PARSONS & SON will disperse their herd at their farm, located 6 miles northwest of Cameron, W. Va., on Route 250 — 18 miles southeast of Wheeling, W. Va., just across the Ohio River from Pennsylvania.

Herd T.B. Accredited — Bang's Certified — Eligible for Shipment Anywhere

22 Milking Cows and Heifers, including 14 fresh and close springers.
17 Heifers of all ages.

A 5-yr.-old Herd Sire, bred at West Virginia University, from a three times 800-lb., 4%, 2X dam.

Good DHIA Records up to 550 Lbs. Fat and Classified for Type

Daughters of many proven popular sires including Lauxmont Rag Apple Aristocrat.

Sale Starts at 12:00 Noon in Big Tent

R. AUSTIN BACKUS, Sale Manager and Auctioneer, Mexico, New York

Westlea Perfection Olive

One of Our Prized Olive Family

Her dam, Dunloggin Olive Comade (V.G.), whose picture we showed you in our space last month, has given us well over 100,000 lbs. of 3.6% milk. WESTLEA PERFECTION OLIVE, herself, has 3 records:

2y 1m 3X 318d	12650 M.	3.8%	482.6 F.
3y 1m 3X 298d	15800 M.	3.9%	609.5 F.
4y 0m 3X 313d	18017 M.	3.8%	682.5 F.

And while making these records she had four calves in just under four years—an example of the extreme regularity of breeding in this Olive Family.

Westlea Farm — Bridgewater, Mass.

HERD IS FULLY ACCREDITED T.B. & BANG'S

STAFFORD JOHNSON, Owner

MAURICE COPELAND, Manager

the junior get of their second prize aged bull. Green Meadow had second senior get with their 4th and 5th place aged cows plus an added entry.

Milsons Ormsby Bess Rose, H. A. Miller & Sons second aged cow, was judged Best Uddered, with last year's winner, Hy-Up's Kaynor Inka Wayne, in second. Oakland won first as a county herd followed by Ingham, Washtenaw Wayne, and Tuscola in that order.

As in past years the show was held at C. B. Smith's Wolverine Sale Pavilion. Glenn Casey officiated at the microphone while Fieldman Russ Miller kept things moving in the ring. Mrs. C. B. Smith did a fine job of organizing the picnic lunch.

Several fine trophies are awarded at this show each year, they include:

CLASS

Grand Champion Bull
Grand Champion Female
Produce of Dam
Best Udder
Senior Get of Sire
Junior Get of Sire
3 Best Females
County Herd
Junior Champion Male
Junior Champion Female

DONOR

F. W. Tullis, Monroe
Lakefield Farms, Clarkston
Glenn L. Bancroft, Flint
For-Mar Farms, Flint
Paul Jones, Jonesville
Larro Farms, Detroit
Michigan H.-F. Ass'n.
R. P. Ullman, Detroit
Joe Mathews, St. Johns
Charles Figey, Morenci

EXHIBITORS

Farfields Farm, Monroe; William Routson, Blissfield; S. J. Emmons & Son, Morenci; Kenneth Emmons; Harland Farms, Clayton; George Boyley, Addison; Lakefield Farms, Clarkston; Clayton Rohlfs & Sons, Fairgrove; R. N. Breagle, South Lyons; C. B. Smith & Sons, Williamston; George G. Schafer, Dearborn; Rudd Farms, Belleville; Mrs. James Oleson, Ypsilanti; Dama Farms, Howell; Mrs. Ruth Rogers, Big Rapids; Foster Hickey, Fairgrove; Alton Peavey, Akron; Dr. H. T. Donahue, Cass City; John Horst, Akron; Hy-Up Farms, Birmingham; Paul Miller, Birmingham; Green Meadow Farms, Ellsie; Robin Carr & Ralph Rose, Fowlerville; Charles Bretschneider & Son, Luddington; Bruce Stuart, Custer; Van Hoosen Farm, Rochester; John N. Detmers & Sons, Ionia; Leo H. Greiner, Hart; David Vanden Hewel, Hart; H. A. Miller & Sons, Williamston; Frances Campau, Creston Farms, Comstock Park; D. A. Ruth, Belmont; Ruth & Reisbig, Cooperville; William Heppner, Pinconning; For-Mar Farms, Flint.

Ballantine & Son; Charles Birmingham, Ovid; Joyce Wilson, Mason; Henry Montgomery, Detroit; John Krohovsky; Frank Kalarik; Howard Witt; Leonard Farmeister; Vernon McKim, Albion; L. W. Johnston, Flint; Delores Eva, Ionia; George Pardonette; Pat Henry; John Greiner; Coe Emmons, Mason; Jonlan Farms, Flint; Paul Waterbrink; Henry Kritzschmar; Ruth Hagle; Dr. A. L. Arnold; Jane Fenwick; Willard Smith; A. Andrey; Richard Langman; John Langman; Vernon Langman; John E. Lundy, Climax; Richard Havelka, Ithaca; Karnoot Walter; Alvin Spooner, Cerosco.

Jr. Bull Calf (11): 1. Creston Master Triune, Creston Farms; 2. Hy-Up Rag Apple Pabst, Hy-Up Farms; 3. Lakefield Fobes Progressor, Lakefield Farms; 4. Les-Bur Abbekerk Mercury, Leonard Burmeister; 5. Milsons Sir Bess Inka Fobes, H. A. Millar & Sons.

Sr. Bull Calf (10): 1. Green Meadow Titan, Green Meadow Farms; 2. Smithcroft Famous, C. B. Smith & Sons; 3. Rainbow Robinhood Two Roses, Carr & Rose; 4. Carnation Progressor Perfecto, C. B. Smith & Sons; 5. Hy-Up Rag Apple Bonheur, Hy-Up Rag Apple Bonheur, Hy-Up Farms.

Jr. Yrlg. Bull (7): 1. Green Meadow Emperor, Green Meadow Farms; 2. Hy-Up Ideal Successor, Hy-Up Farms; 3. Lakefield Iowana Dark Pabst, Lakefield Farms; 4. Martag Fobes Model Beauty, Coe Emmons; 5. Towerdale Pietje Duke, Bruce Stuart.

Sr. Yrlg. Bull (9): 1. Lakefield Fobes Rag Apple, Lakefield Farms; 2. Green Meadow Rag Apple Pride, Green Meadow Farms; 3. Rohlfs Lochinvar Burke Lad, Clayton Rohlfs & Sons; 4. Pabst Sir Syna Rocket, George Schafer; 5. Havulmo Gay Blade, S. J. Emmons & Son.

Bull, 2y (7): 1. Hartwood Burke Again, C. B. Smith & Sons; 2. Hy-Up Rag Apple Pietje Supreme, Hy-Up Farms; 3. Creston Grandeur, Ernest Walter; 4. Rohlfs Lochinvar Korndyke Bill; Alton Peavey; 5. Michigan Crusade Roamer, Leo H. Greiner & Sons.

Bull, 3y & over (11): 1. Farfields Champion, Farfields Farm; 2. Milsons Sir Bess Bessie, H. A. Miller & Sons; 3. Dunloggin Var, For-Mar Farms; 4. Minnow Creek Eden Regrand, C. B. Smith & Sons; 5. Madric Grand Triune, Alvin Spooner.

Jr. Champion Bull: Creston Master Triune, Creston Farms.

Sr. and Grand Champion Bull: Farfields Champion, Farfields Farm.

Jr. Heifer Calf (16): 1. Sovereign Segis Queen, Green Meadow Farms; 2. Rohlfs Lochinvar Iva, Clayton Rohlfs & Sons; 3. Lyons Falfadale Ormsby, Hy-Up Farms; 4. Milsons Queen Bessie, H. A. Miller & Sons; 5. Sugarland Var Queen Bessie, W. Routson.

Sr. Heifer Calf (34): 1. Rohlfs Lochinvar Korndyke Eva, Clayton Rohlfs & Sons; 2. Sovereign Rag Apple Laura, Green Meadow Farms; 3. Green Meadow Stella Carmen, Green Meadow Farms; 4. Dairy-Dell Admiral Patricia, C. B. Smith & Sons; 5. Lakefield Winterthur Halla, Lakefield Farms.

Jr. Yrlg. Heifer (23): 1. Susie Mercedes Sylv-O-Gram, William Heppner; 2. Milsons Marathon Bess, H. A. Miller & Sons; 3. Green Meadow Supreme Wessie, Green Meadow Farms; 4. Rohlfs Lochinvar Dottie, Clayton Rohlfs & Sons; 5. Green Meadow Bunnie Posch, Green Meadow Farms.

Sr. Yrlg. Heifer (15): 1. Milsons Marathon Pride, H. A. Miller & Sons; 2. Farfields Tulip Posch C. B. A., Farfields Farm; 3. SmithCroft Rag Apple Marie, C. B. Smith & Sons; 4. Lakefield Daisy Rag Apple Bonheur, Lakefield Farms; 5. Abbekerk Princess Posch, Vernon McKim.

Cow, 3y & Over (32): 1. Saltford Heights Hope, Lakefield Farms; 2. Milsons Ormsby Bess Rose, H. A. Miller & Sons; 3. Kaynor Inka Wayne, Hy-Up Farms; 4. Ardyne Snow Countess, Green Meadow Farms; 5. Ardyne Governess Tulilla, Green Meadow Farms.

Cow, 4y (9): 1. Wood Glen Queen Maggie, Hy-Up Farms; 2. Fordholm Cornucopia Betty, For-Mar Farms; 3. Blackie Dewdrop Mercedes, C. B. Smith & Sons; 4. Lady Jean Abbekerk, George G. Schafer; 5. Lakefield Rag Apple Dewdrop, Mrs. James Oleson.

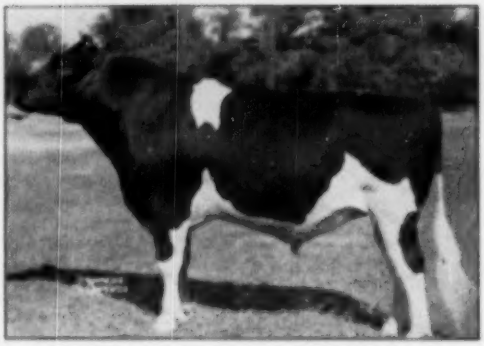
Cow, 3y (14): 1. Horsthome Hillview Dewdrop, Hy-Up Farms; 2. Frances Ann Texal Lower View, C. B. Smith & Sons; 3. Entry, Harry Covert; 4. Temcleogue Dark Master Aaggie, William Routson; 5. Lakefield Winterthur Belle, Lakefield Farms.

Cow, 2y (16): 1. Flying A. Gerben Bessie, Crested Farms; 2. Green Meadow Sovereign Pat, Green Meadow Farms; 3. Rag Apple Abbekerk Ideal, Dr. H. T. Donahue; 4. Lakefield Rag Apple Ormsby, Lakefield Farms; 5. Entry, Harry Covert.

Produce of Dam (6): 1. Produce of Milsons Ormsby Bess, H. A. Miller & Sons; 2. Produce of Diamond K Dutchland Babe, Lakefield Farms; 3. Green Meadow Farms; 4. Rudd Farm; 5. Clayton Rohlfs & Sons.

Jr. Get of Sire (8): 1. Get of Green Meadow Constellation, Green Meadow Farms; 2. Get of Milsons Sir Bess Bessie, H. A. Miller & Sons; 3. Get of Rohlfs Lochinvar King Bessie Lad,

Selective Mating—



NOCKDAIR HONERGES ORMSBY IMPERIAL
Res. All-American Bull Calf, 1948
Hon. Men. All-American Sr. Yrlg., 1949.

Our selective breeding program has been paying dividends. We have a number of real dairy calves sired by "Joe", and a lot more coming. There are only two sons of "Joe" left.

Some of the cows that have selectively been mated with "--oe" and will calve soon, are:

Brownstead Matador Joe Jean (VG)
365d 6y 3X 26114 881.8 AR
Again on test at 10 yrs., and making 800 lbs. fat.

St Croixco Jean Buttercup Ormsby (GP)
365d 5½y 3X 15641 4% 629.4 AR

Lakeside Canary Mutual Ormsby (GP)
365d 6½y 3X 20856 702.1 AR

Curtiss Candy Renown Dina (GP)
365d 2½y 3X 16928 604.2 AR

Prilly Fobes Cornucopia (GP)
365d 4y 2X 15631 544.4 DHIA

Hill Man Fayne Felicia (GP)
Now on test and will finish with about 650 lbs. fat.

BAIRD BROS.
P. O. Box 177

Nockdair Holsteins

WAUKESHA, WIS.
Harry Stanton, Herdsman

Clayton Rohlfs & Sons; 4. Get of Lakefield Winterthur Victor Fobes, Lakefield Farms; 5. Get of Cufferdale Robinhood, Carr & Rose.

Sr. Get of Sire (4): 1. Get of Rainbow Sir Ross Rose 16, H. A. Miller & Sons; 2. Get of College Graham, Green Meadow Farms; 3. Get of Winterthur Victor Pilot Knobsboy, Lakefield Farms; 4. Get of Lauxmont Admiral Ideal, Budd Farms.

2 Best Females (Bred and owned by exhibitor) (4): 1. H. A. Miller & Sons; 2. Lakefield Farms; 3. Green Meadow Farms; 4. Dama Farms.

Best Uddered Cow (7): 1. Milsons Ormsby Bess Rose, H. A. Miller & Sons; 2. Kaynor Inka Wayne, Hy-Up Farms; 3. Saltford Heights Hope, Lakefield Farms; 4. Erindale Dunloggin Anna, Budd Farms; 5. Entry, Lakefield Farms.

County Herds (4): 1. Oakland; 2. Ingham; 3. Washtenaw-Wayne; 4. Tuscola.

Jr. Champion Female: Rohlfs Lochinvar Korndyke Eva, Clayton Rohlfs & Sons.

Sr. and Grand Champion Female: Wood Glen Queen Maggie, Hy-Up Farms.

RAY ARNOLD IN NEW LOCATION

Ray Arnold, formerly of Ravenglen Farms, writes that he has purchased a modern deluxe motel located at 9117 Wicker Park Blvd., Highland, Indiana. It consists of 35 modern units, 12 with heated garages, 9 with kitchenettes, and central heating for all. It is located 27 miles from Chicago's loop, just south of the intersection of Highways Nos. 6 and 41. It is on Route 41 and only three miles north of the intersection of No. 41 and No. 30, which is the Lincoln Highway.

The project will be operated by Mr. and Mrs. Arnold and their daughter and her husband and they took possession August 15. This will give Mr. Arnold an opportunity to keep his long established export connections as a service to Holstein breeders. The Arnolds extend an invitation to Holstein breeders to stop in and see them when near Chicago.

STOP COWS SLIPPING
Spread Unicrete over your old concrete and make a slip-resisting, resilient, dustless and sanitary floor. Used for years in dairy barns. Your own men can do the work. Send for circular, prices and names of users.
THE UNION PRODUCTS COMPANY
1256 West 70th Street
Cleveland 2 Ohio

DOUBLE DISPERSAL SALE — FRIDAY, AUGUST 25

80 Registered Holstein Cattle

ACCREDITED — BLOOD TESTED — CALFHOOD VACCINATED

Production Records

Roscoe, Sullivan County, N. Y.
THE RUSSELL HODGE and JOSEPH BAUERNFEIND HERDS

At Least One Herd Eligible for Pa.

The sale is at the Russell Hodge farm, 3 miles north of Roscoe, easy to reach from Route 17.

THE TWO HERDS CONSIST OF

—67 milking cows and first calf heifers, many of them fresh or soon due.
—12 heifers born in the fall of 1949.
—A 19-months-old Herd Sire, by DUNLOGGIN KING VAR and from a dam promising over 900 lbs. fat on test at Harden Farms.
—A yearling son of WEBER BURKE CLOVER LAD (E.GM) from one of the famous Rollins-bred show cows.

A COMPLETE LINE OF FARM MACHINERY SELLS IN FORENOON — CATTLE AT 12:30 P. M.

R. AUSTIN BACKUS, Sale Mgr. and Auct., Mexico, N. Y.

ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

Advanced Registry Report No. 6

ADVANCED REGISTRY

Of the 168 records in the Ten-Months Division listed in this report, 7 were made in Classification 4X, 42 in Classification 3X, and 51 in Classification 2X.

The highest record reported in this issue was made by Bess Fubes Inka Agatha 2399483, who at 7 years, 4 months of age produced 21805 lbs. milk, 3.7% and 809.7 lbs. fat in Classification 4X, carrying calf 180 days of the 305-day record. She was bred by F. H. Boyle, Peebles, Wis., and is owned by Wisconsin State Reformatory, Green Bay, Wis.

New state leaders are reported in seven different states: Iowa, Kansas, New Hampshire, North Dakota, Oregon, Pennsylvania and Wisconsin. Wisconsin has two new state champions.

NEW STATE LEADERS
TEN-MONTHS DIVISION

Iowa

	Milk	%	Fat
Bess Skylark Ormsby Beauty 2448543 (GP) 2X 5-8 C.C. 183d G. F. Walters & Son, Waterloo, Iowa (First regardless of age in Classification 2X)	16518	4.4	729.6

Kansas

A B T Liz Champion 2545065 (GP) 2X 4-5 C.C. 246d Abram B. Thut, Clearwater, Kans. (First in state for milk)	16950	3.5	587.9

New Hampshire

U N H Mike Lisa 2544578 (GP) 2X 3-10 C.C. 299d University of New Hampshire, Durham, N. H.	16991	3.9	659.9

North Dakota

Jamestown Inka May Julia 2659804 2X-3-6 C.C. 176d State Hospital for the Insane, Jamestown, N. Dak. (First in state for milk)	17526	3.1	546.6

Oregon

Carol Johanna Ormsby Inka 2760543 2X 2-4 C.C. 202d Agnes Van Havel, Astoria, Oreg. (First in state for milk)	17213	3.8	618.2

Pennsylvania

Doradella Colantha Fubes 2806732 (E) 2X 6-10 C.C. 173d Norman E. Rishel, York, Pa. (First regardless of age in Classification 2X)	15938	4.6	726.1

Wisconsin

Pabst Burke Cascade Belmont 2479482 (VG) 2X 4-6 C.C. 185d Pabst Farms, Inc., Oconomowoc, Wis.	19318	4.1	787.8
Gray View Fancy Sovereign 2799249 (VG) 2X 2-8 C.C. 183d Harvey A. Nelson & Sons, Union Grove, Wis.	13459	4.4	544.9

Name of Cow, Sire, Breeder and Owner	Age Y.	M.	L. of Car R.	Calf	Milk Lbs.	% Fat	Fat Lbs.
TEN-MONTHS DIVISION 4X							
Full-Aged Class							
Bess Fubes Inka Agatha 2399483 (Prince Bess Fubes of Ventnor) B. F. H. Boyle, Peebles, Wis. O., Wisconsin State Reformatory, Green Bay, Wis.	7	3	305	180	21805	3.7	809.7
Wis Evangeline 2386711 (Dunloggin Fon Marathon) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	5	9	305	163	19965	3.6	719.0
Wisconsin Mirth 2410738 (Weber Burke Cyclone) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	5	4	305	173	19285	3.5	696.3
Wis Iris Crusader 2252407 (Crusader Tidy Fubes of Ventnor) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	7	2	305	181	19913	3.5	691.3
Nestlico Beauty Tidy 2093608 (King Tidy Fubes of Ventnor) B., Northern Wis. Colony & Training School, Chippewa Falls, Wis. O., Wis. State Reformatory, Green Bay, Wis.	8	11	305	190	18816	3.2	596.8
Senior Four-Year Class							
Wis Rose Marie 2454575 (Dunloggin Fon Marathon) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	4	9	305	171	18678	3.3	615.3
Senior Two-Year Class							
Wis Thrush 2722517 (Weber Pinky Fair Boy) B. & O., Wisconsin State Reformatory, Green Bay, Wis.	2	6	306	169	13273	3.9	522.1
TEN-MONTHS DIVISION 3X							
Full-Aged Class							
Pabst Burke Rag Apple De Kol 2365500 (E) (Wisconsin Admiral Burke Lad) B. & O., Pabst Farms, Inc., Oconomowoc, Wis.	5	6	305	164	21002	3.6	754.4
Yankton Louise Ormsby 2447913 (VG) (Pabst Sir Premier Louis) B. & O., Yankton State Hospital, Yankton, S. Dak.	5	9	305	202	20048	3.4	685.6
Prilly Burke Lily Ormsby 2609104 (E) (Rockstar Prilly Burke) B., H. Ernest Naumann, Lancaster, Wis. O., Pabst Farms, Inc., Oconomowoc, Wis.	6	10	305	209	18259	3.6	670.3
Pabst Burke Senorita 2373873 (VG) (Wisconsin Admiral Burke Lad) B. & O., Pabst Farms, Inc., Oconomowoc, Wis.	5	9	305	191	18261	3.7	669.6
Lauxmont Safemaster Lady Fair 2607569 (Safemaster) B., Lauxmont Farms, Wrightsville, Pa. O., Otto Farms, Strongsville, Ohio	5	5	305	199	18096	3.6	607.3
De La Prambolaiere Bic Pabst 2783006 (VG) (Johanna Rag Apple Successor) B., Stanislas Laframboise, Ste. Scholastique, Que. O., Alex Shapiro, Bedford, N. H.	5	7	305	165	16018	4.1	656.5
Westlake Veeman Idella Ginger 2471349 (VG) (Emperor Veeman Piebe) B. & O., C. L. Weston, Lakeside, Calif.	7	11	305	156	15992	4.1	650.4
Golden Rag Apple Pearl 2349221 (E) (Lauxmont Admiral Rag Apple Delia) B., Marvin Golden, Nappanee, Ind. O., Donald Phillips, Salem, Ohio	6	9	305	205	14582	4.1	601.8
U-Mo Vesper Man-O-War Ormsby Ida 2354452 (VG) (Man-O-War Orth) B. & O., University of Missouri, Columbia, Mo.	8	3	305	158	16077	3.5	561.4
Tyler Farms Rag Apple Pauline 2473738 (GP) (Montvic Rag Apple Gladiator) B. & O., John B. C. Tyler, West Newbury, Vt.	5	6	305	196	13722	4.4	597.5
Ravenglen Senators Montvic Lass 2435496 (King Bessie Senator) B. & O., E. H. Ravenscroft, Antioch, Ill.	5	1	305	199	15736	3.4	534.5
Lady Hark Burke Pride Gerb Colan W 2322862 (VG) (Douglas Buttercup Hark) B. & O., U. S. Dairy Division, Beltsville, Md.	8	2	196	128	14235	3.6	514.0
Fayr-Lick Perfection Margie 2563613 (Perfection Ormsby Walker) B., R. M. Snider, Cutville, Ohio. O., R. M. Snider & Son, Cutville, Ohio	6	10	305	211	16292	3.1	512.3
De Lisser Riette 2546252 (Raymondale Ideal Successor) B., Ferme St. Charles, St. Laurent, Que. O., Wm. Warren, Bay City, Mich.	6	1	288	183	12586	3.2	427.3
Senior Four-Year Class							
Pabst Burke Cascade Belmont 2479482 (VG) (Wisconsin Admiral Burke Lad) B. & O., Pabst Farms, Inc., Oconomowoc, Wis.	4	6	305	185	19318	4.1	787.8
	State Leader						
Pabst Burkade Wayne Prilly 2448355 (E) (Wisconsin Admiral Burke Lad) B. & O., Pabst Farms, Inc., Oconomowoc, Wis.	4	7	305	190	17972	3.6	654.1

Name of Cow, Sire, Breeder and Owner	Age Y.	Age M.	L. of R.	Cal. Calf	Milk Lbs.	% Fat	Fat Lbs.
Junior Four-Year Class							
Pabst Hoamer Bayviare 2400907 (VG) (Pabst Hoamer) B. & O. Pabst Farms, Inc., Oconomowoc, Wis.	4	1	305	160	19499	3.4	655.5
Dunloggin Var Ember 2513047 (Montvic Lochinvar) B. J. Natwick & Co., Ellicott City, Md. O., Otto Farms, Strongsville, Ohio	4	4	305	172	20345	3.0	612.1
Holwyn Doris Walker 2509622 (Carnation Wordra) B. Moore Bros., Marysville, Ohio. O., R. M. Snider & Son, Outville, Ohio	4	0	305	221	13580	4.1	556.9
Norda De Kol Korndyke Rag Apple 2063001 (Governor Dr Kol Hengtje) B. J. H. Jose & Sons, Newcastle, Ont. O., Walker-Gordon Laboratories of N. E., Inc., Charles River Village, Mass.	4	2	305	226	16406	3.8	596.1
Senior Three-Year Class							
Stockton High Life Midway 2650541 (Stockton Midway) B. & O. Stockton State Hospital, Stockton, Calif.	3	11	305	159	19361	3.5	674.9
Jamestown Inka Mar Julia 2650944 (Sir Inka Mar 55th) B. & O. State Hospital for the Insane, Jamestown, N. Dak.	3	6	305	176	17826	3.1	546.6
Wimbledon Dean Valentine 2699862 (Wimbledon Dean Marathon) B. Harry G. Norris, Annapolis, Md. O., Francis Ryan, Billings, N. Y.	3	10	256	100	11508	3.6	418.9
Lillian Poplar Ormsby 2669294 (Hengsveld Ormsby Inka Lad) B., Lillian Beyersdorf, Jefferson, Wis. O., C. M. Bottema, Jr., Bridgeport, Ind.	3	6	299	237	13913	3.0	412.8
Junior Three-Year Class							
Stockton Matchless Edith 2699193 (Mendocino Matchless) B. & O. Stockton State Hospital, Stockton, Calif.	3	4	305	210	18060	3.6	643.9
Stockton Woodbine Hank 2699199 (Stockton Hank) B. & O. Stockton State Hospital, Stockton, Calif.	3	2	305	217	13645	4.3	585.7
Lady-Rose Hurk Di-Gerk Col Rose 2640347 (G) (Rose Hill Emperor Governor) B. & O. U. S. Dairy Division, Beltsville, Md.	3	3	305	166	13669	4.1	562.1
Erindale Betty Lauxmont 2630507 (Erindale Lauxmont Kevin Payne) B., A. J. O'Connor, Swartz Creek, Mich. O., Jack R. Rudd, Belleville, Mich.	3	1	305	200	14879	3.5	518.1
Yankton Pirbo Hello Mary 2611305 (GP) (Strathmore K. S. M. Sir Hello) B. & O. Yankton State Hospital, Yankton, S. Dak.	3	6	305	192	12539	4.1	509.9
Fayr-Lick Man-O-War Sue 2643907 (Man-O-War Ormsby Peach) B., R. M. Snider, Outville, Ohio. O., R. M. Snider & Son, Outville, Ohio.	3	0	280	215	13026	3.0	395.8
Senior Two-Year Class							
Yankton Louire Johanna Pietertje 2670215 (G) (Redfield King Beauie Gypsie) B. & O. Yankton State Hospital, Yankton, S. Dak.	2	8	305	183	16991	3.4	583.0
Essex Maple Beauie Design 2716686 (Dunloggin Design) B., County of Essex, Cedar Grove, N. J. O., Francis Ryan, Billings, N. Y.	2	10	305	221	14242	3.8	543.7
Stockton Matchless Ethel 2699200 (Mendocino Matchless) B. & O. Stockton State Hospital, Stockton, Calif.	2	10	305	185	14072	3.9	542.8
Tyler Farms Rag Apple Lona 2770666 (GP) (Montvic Rag Apple Gladiator) B. & O. John H. C. Tyler, West Newbury, Vt.	2	6	293	212	14698	3.5	515.2
Ferndale R Var Jemima 2710499 (Dunloggin Romeo Var) B., Frank W. Fernsler, Lebanon, Pa. O., Otto Farms, Strongsville, Ohio	2	8	305	178	14374	3.4	485.0
Piper View C Madrano Maximum Helen 2795011 (GP) (Carnation Madrano Maximum) B., Piper Farms, Watertown, Wis. O., Piper Brothers Farms, Watertown, Wis.	2	6	305	208	13826	3.2	446.3
U-Mo Chieftain Pooch Alice 2711927 (G) (Hamer Ormsby Chieftain Pooch) B. & O., University of Missouri, Columbia, Mo.	2	8	305	181	9869	4.1	401.4
Junior Two-Year Class							
Carol Johanna Ormsby Inka 2700642 (Hartog Inka Burke) B., T. S. Lyons, Clatskanie, Oreg. O., Agnes Van Havel, Astoria, Oreg.	2	4	304	202	17213	3.6	616.2
Westlake Bonheur Inka Hello 2705576 (Westlake Bonheur Abbekerk) B. & O. C. L. Weston, Lakeside, Calif.	2	3	305	151	14643	3.9	567.9
B D I Garden Aster 2775042 (F) (Rose Hill Emperor Governor) B. & O. U. S. Dairy Division, Beltsville, Md.	2	2	305	165	14156	4.0	563.3
Pabst Hegal Beth 2753298 (VG) (Pabst Hegal) B. & O. Pabst Farms, Inc., Oconomowoc, Wis.	2	1	305	172	13494	4.0	543.6
U-Mo Chieftain Pooch Celia 2746235 (GP) (Hamer Ormsby Chieftain Pooch) B. & O., University of Missouri, Columbia, Mo.	2	3	305	164	10463	3.8	402.3
TEN-MONTHS DIVISION 2X							
Full-Aged Class							
Bess Skylark Ormsby Beauty 2438563 (GP) (Sir Bess Skylark Ormsby Fobes) B. & O. G. F. Walters & Son, Waterloo, Iowa.	5	8	305	182	16516	4.4	729.6
	State Leader						
Dorodella Columbia Fobes 2390722 (E) (Lauxmont Adrodella) B. & O. Norman E. Rishel, York, Pa.	6	10	305	173	15938	4.6	726.1
	State Leader						
Dunloggin Pond Bee Bee 2390721 (Dunloggin Pond Memory) B., J. Natwick & Co., Ellicott City, Md. O., J. A. Britten, Visalia, Calif.	6	11	305	181	13979	4.4	606.7
Johanna Lady Della 2318482 (Duke Della) B. & O., John Zoberlin, Plymouth, Wis.	6	5	305	189	17655	3.4	596.1
Doris Iona Pooch 2173370 (Prince Kevin Pooch) B., Harry Totes, Orchard Park, N. Y. O., Alfred L. Ross, Pine Plains, N. Y.	5	6	305	195	14979	3.9	579.9
Bessie Ormsby Elsevera 2347064 (Pieshaert Duke Kathie) B., Riordan Bros., Plymouth, Wis. O., John Zoberlin, Plymouth, Wis.	7	6	305	201	16292	3.6	578.1
Bess Skylark Ormsby Burke 2470393 (GP) (Sir Bess Skylark Ormsby Fobes) B. & O. G. F. Walters & Son, Waterloo, Iowa.	6	0	305	204	14487	3.8	557.6
A B T Rose Fobes Queen 2048378 (VG) (Elmhoff Netherland Fobes) B. & O. Abram B. Thut, Clearwater, Kans.	9	7	284	207	14878	3.5	521.0
Barbara Strathaven Waldorf 2428608 (Strathaven Supreme Victor) B., Webster Bros., Lansdowne, Ont. O., L. J. Lonergan & Sons, Homer, N. Y.	6	8	284	202	14684	3.1	458.6
Imbar Pontiac Beauty 2459039 (GP) (Carnation Bracelet Homestead) B., Schmidt & Grove, Springfield, Ohio. O., John M. Stuffell, Knoxville, Tenn.	6	2	305	175	13943	3.3	455.6
Princess Mercedes Ormsby Fobes 24 2318481 (Duke Della Ormsby) B. & O., John Zoberlin, Plymouth, Wis.	6	7	305	207	13544	3.4	452.9
N P Bleske Becky Klaver 2393444 (GP) (N P Matador Punsy Kill Klaver) B. & O., University of Nebraska, North Platte, Nebr.	5	9	270	183	11918	3.6	425.5
Senior Four-Year Class							
Cornflower De Kol Prilly 2523273 (Sir Ollie De Kol Korndyke Prilly) B. & O., John Zoberlin, Plymouth, Wis.	4	6	305	213	18564	3.2	597.0
Shamrock Princess Dewdrop 2546231 (Hartholm Pooch Jewel Dewdrop) B. & O., Charles K. Hays, Sparta, Ill.	4	11	305	185	15725	3.4	533.8
Nowlaco Princess Bertha 2514002 (F) (Nowlacol King Pride Fobes) B. & O., No. Wis. Colony & Training School, Chippewa Falls, Wis.	4	5	305	201	13269	3.4	455.9
Junior Four-Year Class							
A B T Lis Champion 2548608 (GP) (Parwood Lizzie Lad) B. & O. Abram B. Thut, Clearwater, Kans.	4	5	304	246	16950	3.5	587.9
	State Leader						
Model Doll Cornflower Burke 2791453 (Pooch Ormsby Fobes Model Doll) B. & O., John Zoberlin, Plymouth, Wis.	4	0	305	222	13330	3.2	490.0
Distinction Greta Typecutter 2505143 (Carnation Typecutter) B., John Wuethrich, Greenwood, Wis. O., John Wuethrich Creamery Co., Greenwood, Wis.	4	3	305	184	13763	3.5	486.7
N P Ramona Governess Clara 2548271 (G) (Carnation Concentrator) B. & O., University of Nebraska, North Platte, Nebr.	4	1	253	168	11774	4.1	477.4
Alestana Dawn 2572855 (Dunloggin Dutch Master) B., John Alexander, Baraboo, Wis. O., Adrian A. Theeuwes, Bristol, Wis.	4	0	305	218	9918	3.5	351.1
N P Katherine Cathy 2637004 (GP) (Carnation Concentrator) B. & O., University of Nebraska, North Platte, Nebr.	4	1	237	171	8411	4.0	335.4
Senior Three-Year Class							
U N H Mike Lisa 2584378 (GP) (N J E S Conqueror Floren Mike) B. & O., University of New Hampshire, Durham, N. H.	3	10	305	209	16891	3.9	659.9
	State Leader						
De Kol Ashby Marion 2618884 (GP) (Burke Ashby Vale) B., Ann A. Booker, North Hampton, N. H. O., Aldo Panciera, Westerly, R. I.	3	6	305	182	13048	3.8	495.9
Vale Burke Lincoln 2618883 (GP) (Burke Ashby Vale) B., Ann A. Booker, North Hampton, N. H. O., Aldo Panciera, Westerly, R. I.	3	8	305	181	13591	3.4	460.7

Name of Cow, Sire, Breeder and Owner	Age Y.	Age M.	L. of R.	Cur. Calf	Milk Lbs.	% Fat	Fat Lbs.
W I S Princess Anitje Norma 2578284 (Wistomf Laddie Norman Duke) B. & O., Wisconsin School for Boys, Waukesha, Wis.	3	7	301	200	11444	3.5	402.1
Junior Three-Year Class							
Weix Woodville Pearl 2653962 (Oak Brad Montvic Beacle Duke) B. & O., Weix Farms, Sun Prairie, Wis.	3	3	305	226	14125	3.8	542.1
St Croixco Senorita 2644197 (VG) (Wimbledon Ollie Emperor) B. & O., St. Croix County Hospital, New Richmond, Wis.	3	2	305	190	14705	3.4	532.9
Olive Ormsby Burke 2623549 (VG) (Osborndale Sir Tovarick Ormsby) B. & O., Norman E. Bishel, York, Pa.	3	5	305	184	13736	3.8	520.0
A H T Fon Leo Net 2657858 (G) (Dunloggin Fon Leo) B. & O., Abram H. Thut, Clearwater, Kans.	3	1	305	175	11032	3.7	404.2
Pine Paradise Julia 2676885 (Comet Echo Rag Apple) B. & O., J. L. McIntosh, Avonmore, Ont. O., Charles Stroh, Suffield, Conn.	3	3	279	195	11258	3.3	374.8
Maple Home Bonny Girl 2656955 (G) (Cherryhold Admiral Renown) B., Harvey Hamann, Sheboygan, Wis. O., Henry Van Driest, Cedar Grove, Wis.	3	3	287	296	10328	3.4	367.0
Senior Two-Year Class							
St Croixco Mabel Brimont Rex 2709565 (GP) (St Croixco Gill Hill Rex) B. & O., St. Croix County Hospital, New Richmond, Wis.	2	10	305	193	13212	3.8	506.8
Newlove M B R Belle 2724949 (GP) (Lalmar M B R Creator) B. & O., No. Wis. Colony & Training School, Chippewa Falls, Wis.	2	8	305	163	11045	4.4	490.5
Sutton Oaks Var Dyke 2733056 (Dunloggin Strath Var) B. & O., J. A. Sutten, Visalia, Calif.	2	6	305	218	12563	3.5	441.0
Hilltop Goodyear Nancy 2736725 (Goodyear Pabst Dick) B. & O., Charles Stroh, Suffield, Conn.	2	11	245	201	10257	3.5	361.6
Ball Farm Lochinvar Beauheur Pet 2709963 (Osborndale Sir Pirbo Lochinvar) B. & O., Edgar G. Ball, Elwood, Ind.	2	6	305	180	9903	3.2	321.4
Junior Two-Year Class							
Gray View Pansy Sovereign 2709349 (VG) (Montvic Rag Apple Sovereign) B. & O., Harvey A. Nelson & Sons, Union Grove, Wis.	2	0	305	188	12419	4.4	544.9
	State Leader						
Sutton Oaks Sexton Burke Alice 2733052 (Sutton Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	4	305	205	13277	3.9	511.7
Sutton Oaks Var Symphony 2742289 (Dunloggin Strath Var) B. & O., J. A. Sutten, Visalia, Calif.	2	4	305	219	14226	3.4	483.7
Sutton Oaks Sexton Sonder 2719014 (Sutton Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	5	305	157	11335	4.0	456.7
N P Katrina Klover Ormsby 2723797 (GP) (N P Ormsby Concentrator) B. & O., University of Nebraska, North Platte, Nebr.	2	5	305	213	11941	3.5	415.0
Distinction Raghild Modest 2746289 (Quonquont Sir Modest 44th) B. & O., John Wuethrich Creamery Co., Greenwood, Wis.	2	2	305	290	10906	3.6	396.9
Lochlynden Rag Apple Dutch Girl 2704635 (Mallary Farm Rag Apple Liberator) B. & O., Nelson Pendleton, Lyndonville, Vt.	2	1	288	199	10085	3.8	383.5
Hilltop Supreme Lottie 2736728 (Miller Acres Supreme Mr Hallie) B. & O., Charles Stroh, Suffield, Conn.	2	5	281	219	10788	3.6	382.1
Faforit Pabst Sensation 2706499 (Sensation Pontiac Champion) B., Harvey Coleman, Cainsville, Ont. O., Harold Montgomery, Johnstown, Ohio	2	3	305	222	9999	3.7	369.1
Sutton Oaks Var Supply 2718015 (Dunloggin Strath Var) B. & O., J. A. Sutten, Visalia, Calif.	2	5	305	203	10014	3.6	358.0
Sutten Oaks Sexton Snowbank 2733054 (Sutten Oaks Var Sexton) B. & O., J. A. Sutten, Visalia, Calif.	2	4	305	161	10868	3.3	355.7
W I S Grace Major 2731447 (Wis Major Burke Fobes) B. & O., Wisconsin School for Boys, Waukesha, Wis.	2	1	305	227	10179	3.5	353.0
W I S Major Diamond 2731418 (Wis Major Burke Fobes) B. & O., Wisconsin School for Boys, Waukesha, Wis.	2	0	305	216	10028	3.4	343.9
Tovarick Barbetta Canary 2782823 (Tovarick Ormsby Fobes) B. & O., Henry Van Driest, Cedar Grove, Wis.	2	1	305	334	8346	3.5	310.3
Lady Major Dauntless 2792128 (Stone or Two Imperial Dauntless) B., Frank Bloom, Monroe, Wis. O., Robert G. Ripley, Urbana, Ohio	2	2	234	290	9069	3.2	289.3

HERD IMPROVEMENT REGISTRY

In this issue are reported 157 herds containing 5697 cows. There are 10 herds tested in Classification 3X, 139 in Classification 2X, and 8 in the 2X-2X combination.

The leading herd in this report is owned by Ernest A. Reed & Sons, Lyons, Kans., with the average of 15482 lbs. milk, 3.8% and 584.8 lbs. fat on 16 cows in Classification 2X. This is the second highest average that has ever been made in the 16-20 cow group in Classification 2X. For the fourth consecutive year, this herd has averaged over 500 lbs. fat and 14000 lbs. milk. The herd has been in Herd Test for five years now, averaging over 449 lbs. fat and 12000 lbs. milk each year.

The top positions are falling fast in this 16-20 cow group in Classification 2X. Moving right into third place is the all-time list behind the Reed herd is David J. Roberts, Sauquoit, N. Y., with an average of 15072 lbs. milk, 3.9% and 581.8 lbs. fat on 26 cows in Classification 2X. This makes the second consecutive year for this herd over 528 lbs. fat and 14460 lbs. milk. This herd has been in Herd Test for the past three years, averaging over 497 lbs. fat and 13000 lbs. milk with a butterfat test of 3.7% or better each year.

The shakeup among the leaders in the 16-20 cow group in Classification 2X continues, as Mrs. Edith L. Dilworth, Lakeville, Conn., follows upon the heels of the Reed and Roberts herds with the fourth highest average that has ever been made in this group. Her 23 cows average 16276 lbs. milk, 3.5% and 570.2 lbs. fat in 2X. This is her second consecutive year with 527 lbs. fat and 15000 lbs. milk or better. The herd has been in Herd Test for eight years, exceeding 427 lbs. fat and 12000 lbs. milk each year.

This thing cannot go on forever, but there is still one more herd invading the list of leaders in the 16-20 cow group in Classification 2X. Lakefield Farms, Clarkston, Mich., have an average of 15325 lbs. milk, 3.7% and 569.7 lbs. fat on 30 cows in 2X. This is the fifth highest average that has ever been accomplished in this group and it is the largest herd that has ever made an average of this size in Classification 2X. The Lakefield herd is a charter member in Herd Test, having been enrolled all 22 years since Herd Test was organized. This is the fifth time and the third consecutive year that the average has exceeded 500 lbs. fat. In 20 of the 22 years, production has averaged over 400 lbs. fat and 11200 lbs. milk. There have been nine different years, the last three of which are consecutive in which the average test has been 3.7% or higher.

It is phenomenal occurrence to have four herds complete records in one month, all higher than the previous second-place holder in this group. The heavy producing herd at Kneedmore Holstein Farms, Pittsford, Mich., had to yield to these four higher records. Their 1946 average of 16256 lbs. milk, 3.5% and 566.7 lbs. fat on 28 cows previously stood in second place. Gerald W. Hell, El Nido, Calif., managed to withstand this onslaught and still holds top position in this group with his 1946 average of 18043 lbs. milk, 3.4% and 604.9 lbs. fat on 22 cows.

Charles W. Warnick, Pleasant Grove, Utah, has an average of 14943 lbs. milk, 3.7% and 558.7 lbs. fat on 14 cows in Classification 2X. This herd has been in Herd Test for two years with an average exceeding 480 lbs. fat and 12000 lbs. milk with a butterfat test of 3.7% both years.

C. W. Durbin, Logansport, Ind., has an average of 14596 lbs. milk, 3.7% and 535.3 lbs. fat on 11 cows in Classification 2X, a fine beginning for his first year in the Herd Test.

H. June Miehler, South Whitley, Ind., has an average of 14784 lbs. milk, 3.6% and 535.6 lbs. fat on 18 cows in Classification 2X. This is his second consecutive year with an average over 530 lbs. fat and 14800 lbs. milk. For the past three years that the herd has been in Herd Test, production has averaged over 430 lbs. fat and 12000 lbs. milk with a butterfat test of 3.6% each year.

R. M. Edwards & Son, Cairo, Mo., have an average of 15061 lbs. milk, 3.5% and 532.6 lbs. fat on 25 cows in Classification 2X. This is much the best showing that this herd has made in the four years that it has been in herd Test, both for milk and fat production. The last two years have averaged 495 lbs. fat and 12219 lbs. milk or better each year.

Kneedmore Holstein Farms, Pittsford, Mich., have an average of 15014 lbs. milk, 3.6% and 533.1 lbs. fat on 23 cows in Classification 2X. All five years that this herd has been in the Herd Test, the average has exceeded 500 lbs. fat and 14957 lbs. milk.

Charles R. Hope & Son, Purcellville, Va., have an average of 13,479 lbs. milk, 3.9% and 521.7 lbs. fat on 36 cows, 11 of them tested in Classification 3X and 25 in Classification 2X. This herd has been in Herd Test for three consecutive years and four years altogether. In each of the four years, production has averaged over 520 lbs. fat and 13479 lbs. milk with a butterfat test of 3.7% or better. The past three years have shown an average test of 3.9%.

The County of Essex herd at Cedar Grove, N. J., has an average of 12644 lbs. milk, 3.8% and 481.8 lbs. fat on 48 cows, 38 of which were tested in Classification IX and one in Classification IX. This is the fourth highest average that has ever been made in the group of 31 cows or more in the IX-2X combination. It is the largest herd to make a record of this size in the IX-2X Classification. This herd has been in Herd Test for 17 consecutive years and 18 years altogether. This is the 13th time that the herd has averaged over 500 lbs. fat. In every one of the 18 years, production has averaged over 416 lbs. fat and 12000 lbs. milk, always with a herd in excess of 70 head. There are seven consecutive years now, with the average test of 3.6% or better. The past five years have averaged 3.7% or better. For two consecutive years now, the herd has averaged 3.8%.

Harold T. Burdick, Hilledale, Wis., has an average of 12414 lbs. milk, 4.1% and 514.3 lbs. fat on 17 cows in Classification IX. This is the 8th consecutive year with an average over 500 lbs. fat and 12000 lbs. milk. The herd has been in Herd Test for seven consecutive years and eight years altogether. Each of the past seven years have averaged over 400 lbs. fat with a butterfat test of 3.8% or better. In all eight years, milk production has averaged over 10000 lbs. milk with a test of 3.8% or better. The past three years have averaged 4% or above.

L. D. Coffey, Fowlerville, Mich., has an average of 11651 lbs. milk, 3.8% and 441.6 lbs. fat on 11 cows in Classification IX. This herd has been in the Herd Test for eight years. This is the 8th time that the average has exceeded 400 lbs. fat. In each of the eight years, production has averaged over 440 lbs. fat and 12445 lbs. milk.

West Virginia University, Morgantown, W. Va., has an average of 12568 lbs. milk, 4.1% and 516.2 lbs. fat on 12 cows in Classification IX. This is another charter member herd that has been in the Herd Test all 22 years. The year just closed, marks the highest achievement of the herd to date, both for milk and fat production, and is equal to its best year for average test. There have been six years with production averaging over 450 lbs. fat, the last four of which have been consecutive. There have been 16 years with an average over 10000 lbs. milk. The past eight years have shown a butterfat test of 3.7% or better. For three consecutive years now, the herd has averaged 4% or higher.

Edward Eicher, Elkton, Mich., has an average of 12766 lbs. milk, 3.7% and 501.0 lbs. fat on 15 cows in Classification IX. This is the second time that the herd has made a 500-lb. average. The herd has been in Herd Test for six years, averaging above 436 lbs. fat and 12000 lbs. milk every year.

The 16th herd with a 500-lb. average reported in this issue is owned by H. J. Snold, Washingtonville, N. Y., with an average of 13751 lbs. milk, 3.6% and 500.8 lbs. fat on 35 cows in Classification IX. Of the three years that this herd has been in the Herd Test, the last two have averaged over 500 lbs. fat and 13750 lbs. milk with a butterfat test of 3.6%.

The detailed report follows:

	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Classification 3X					
* **					
C. W. Durbin, Logansport, Ind. (1) (0-0-6)	11	296	14596	3.7	535.3
R. M. Edwards & Son, Cairo, Mo. (4) (0-0-7)	25	311	15041	3.5	523.8
South Dakota State College, Brookings, South Dak. (18) (0-0-8)					
Daniel I. Mayne, Fairport, N. Y. (5) (0-0-9)	14	285	13447	3.5	474.6
Toledo State Hospital, Toledo, Ohio (15) (0-0-61)	91	277	11250	6.2	673.6
Benton Farm, Hairstown, N. J. (11) (0-0-5)	112	302	12915	3.5	453.3
Iowa State Penitentiary, Ft. Madison, Iowa (15) (0-0-15)	27	289	12408	3.4	419.6
Cameron State Agr. College, Lawton, Okla. (2) (1-0-6)	56	304	12392	3.5	436.0
LeRoy Turner, Richmond, Ind. (3) (0-0-4)	18	259	12748	3.3	416.5
Forsgate Farms, Jamesburg, N. J. (10) (0-0-153)	11	292	11366	3.6	413.4
	116	294	11090	3.7	409.8
Classification 2X					
Ernest A. Reed & Sons, Lyons, Kans. (5) (0-0-12)	16	327	15482	3.8	584.8
David J. Roberts, Sauquoit, N. Y. (3) (0-0-18)	26	325	15072	3.9	581.9
Mrs. Edith L. Dilworth, Lakeville, Conn. (8) (0-0-6)	23	305	16276	3.5	579.2
Lakefield Farms, Clarkston, Mich. (22) (0-0-28)	26	320	15225	3.7	569.7
Charles W. Warnick, Pleasant Grove, Utah (2) (0-0-6)	14	315	14943	3.7	556.7
H. June Mishler, South Whitley, Ind. (3) (0-0-3)	13	313	14784	3.6	535.0
Knoodmore Holstein Farms, Pittsford, Mich. (5) (0-2-9)	33	308	15014	3.6	533.1
Harold T. Burdick, Hilledale, Wis. (7) (1-2-9)	17	331	12616	4.1	518.9
L. D. Coffey, Fowlerville, Mich. (8) (0-0-1)	11	314	14455	3.6	515.0
West Virginia University, Morgantown, W. Va. (22) (0-0-11)	12	316	12568	4.1	516.2
Edward Eicher, Elkton, Mich. (6) (1-0-2)	15	332	13798	3.7	501.0
H. J. Snold, Washingtonville, N. Y. (3) (0-1-9)	35	288	13751	3.6	500.8
John A. Rinke & Sons, Warren, Mich. (11) (0-0-16)	11	321	13287	3.5	499.0
Dorothy Hammerstein, Roselle, Ill. (4) (0-0-8)	33	271	13255	3.8	495.7
Jesse L. & Iva L. Whitten, Genoa, N. Y. (1) (0-0-8)	8	305	13020	3.8	494.3
John Ummel, Jr., Elkhart, Ind. (10) (0-0-6)	15	297	13109	3.8	493.5
H. Wayne Locke, Lemasters, Pa. (1) (0-0-6)	12	307	13525	3.6	487.3
Scott Meyer & Charles G. Riehn, Palmyra, Mo. (11) (0-1-12)	15	314	12161	4.0	485.8
Joseph Hilgenberg & Son, Humboldt, Ill. (1) (0-0-1)	7	302	14333	3.4	483.8
Wayne County Home, Lyons, N. Y. (5) (0-0-4)	12	319	13560	3.8	480.2
Thomas Patton, Windsor, N. Y. (1) (0-0-13)	34	308	14148	3.4	478.2
R. Theodore, Reeds Ferry, N. H. (1) (0-0-8)	30	282	13153	3.8	477.1
H. D. Burger, Mrs., Seneca, Kans. (2) (0-0-7)	33	319	13697	3.5	476.5
Robin Carr, Fowlerville, Mich. (11) (0-0-8)	20	296	12835	3.7	476.6
Davidson Young, Phoenix, Ariz. (1) (0-0-1)	20	307	14255	3.3	476.9
James Curnow, Hebron, Ill. (14) (0-0-8)	17	320	13587	3.5	475.5
Lloyd Shultz, Pretty Prairie, Kans. (5) (0-1-4)	19	312	12775	3.7	472.7
H. C. Briggs & Son, Turner, Me. (8) (0-0-14)	46	302	12691	3.7	472.7
Arnold Eckert & Paul Kegebein, Wanatah, Ind. (5) (0-0-11)	16	309	11726	4.0	471.1
R. L. Evans & Son, Hutchinson, Kans. (16) (0-0-4)	13	311	12611	3.7	468.1
George L. Burr, Nampa, Idaho (5) (1-0-16)	32	312	13031	3.6	468.2
R. L. Hindenach, Easton, Pa. (1) (0-1-9)	29	312	12901	3.6	464.8
Quentin J. Robin, McPherson, Kans. (8) (0-0-7)	17	301	12921	3.6	464.6
Chippewa County Hospital, Chippewa Falls, Wis. (5) (0-2-32)	30	317	12418	3.7	463.3
Ray H. Smith, Frederick, Md. (5) (0-0-8)	19	314	12546	3.7	461.3
Fred J. Nutter, Corinna, Me. (5) (0-0-28)	32	305	12161	3.8	461.1
Charles Clinzan, Burlington, Wis. (3) (0-0-5)	31	315	12481	3.7	459.1
H. B. Milhauser, Reisterstown, Md. (4) (0-0-8)	25	295	12819	3.6	458.3
Lloyd A. Gaskill, Hastings, Mich. (5) (0-0-5)	26	320	11949	4.0	453.7
Training School for Girls, Mitchellville, Iowa (6) (0-0-6)	13	306	12944	3.5	451.1
G. S. Cowles & Son, Asheville, N. Y. (17) (1-0-14)	60	312	12515	3.6	449.9
Wisconsin School for the Deaf, Delavan, Wis. (17) (0-0-8)	17	306	12079	3.7	445.6
University of Connecticut, Storrs, Conn. (15) (0-1-0)	10	294	12443	3.6	441.9
Howard J. & Floyd Riboldy, La Porte, Ind. (1) (0-0-5)	17	293	11492	3.8	438.6
Albert Ackerman, Sabetha, Kans. (3) (0-0-1)	33	302	11604	3.8	437.7
H. H. Richardson, Westminster, Md. (4) (0-0-13)	51	307	12212	3.6	437.2
Clarence Zarnowski, Halstead, Kans. (3) (0-0-8)	10	303	13193	3.3	436.6
Unadilla Farm, Chadwick, Ill. (4) (1-0-21)	18	294	12626	3.4	434.7
Peter P. Van Nuys, Belle Mead, N. J. (22) (0-0-16)	38	318	11412	3.8	432.2
Michael Brill, Beloit, Wis. (2) (0-0-7)	19	317	13040	3.6	432.2
H. W. Cook, Newark, Del. (4) (0-0-9)	14	306	11650	3.7	430.0
Dane County Farm, Verona, Wis. (1) (0-1-13)	44	301	12129	3.5	426.7
Wilbur C. Sloan, Cleveland, Kans. (4) (1-0-8)	9	300	10681	4.0	425.0
Fidjeboe Farms, Clovis, Calif. (1) (0-0-8)	16	313	11662	3.7	423.1
Clausen Brothers, Kenosha, Wis. (18) (0-2-13)	27	328	11371	3.7	420.6
Larro Research Farm, Detroit, Mich. (22) (0-0-21)	35	294	11161	3.8	420.2

	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Eugene R. Smith & J. M. White, Topeka, Kans. (4) (0-1-18)	26	306	12090	3.5	418.3
Edwin Ogren, Batavia, Ill. (3) (0-1-8)	15	298	11311	3.7	418.0
Edward W. Holland, New Milford, Conn. (2) (0-0-3)	6	302	10823	3.8	417.8
S. C. Pirie, Lake Geneva, Wis. (7) (0-0-19)	35	306	11320	3.6	416.5
Raphael H. Frank, Jefferson City, Mo. (1) (0-0-4)	11	316	11561	3.6	416.4
C. Leland Slayton, Warner, N. H. (12) (0-0-12)	21	303	10492	4.0	415.1
Arthur D. Hoose, Hopewell Junction, N. Y. (6) (0-0-4)	13	303	11492	3.6	415.3
Maurice S. Abalt, Middletown, Md. (1) (0-1-1)	14	305	10548	3.9	415.1
George F. Causey, Wakefield, R. I. (3) (0-0-4)	22	308	11381	3.6	413.0
University of Maine, Orono, Me. (9) (0-0-12)	26	303	11427	3.6	412.6
Long Island Agricultural & Technical Institute, Farmingdale, N. Y. (2) (0-0-3)	34	316	11461	3.6	412.6
Iowa State College, Ames, Iowa (21) (0-0-66)	66	299	11905	3.2	410.7
Knapp School of Country Life, Nashville, Tenn. (6) (0-0-1)	26	307	11761	3.3	409.1
Ralph Moy, Mondovi, Wis. (2) (0-1-5)	13	302	12065	3.4	407.9
Osborn Prison Farm, Somers, Conn. (11) (0-0-24)	36	304	11682	3.5	407.8
Wooden & Harbaugh, Reisterstown, Md. (2) (0-0-5)	11	302	10954	3.7	407.3
Frank F. Geiger, South Lyon, Mich. (22) (0-0-2)	7	304	11622	3.5	406.1
John S. Gosper, Walton, N. Y. (2) (0-0-12)	16	304	11494	3.5	404.9
John A. Davis, Sterling Junction, Mass. (3) (0-0-17)	39	302	11306	3.6	403.1
Burt McKenzie, Hollandale, Wis. (1) (0-0-15)	22	291	11968	3.4	401.4
Utah State Industrial School, Ogden, Utah (15) (2-4-11)	20	302	11161	3.6	400.9
Trempealeau County Hospital, Whitehall, Wis. (1) (0-0-21)	37	297	11161	3.5	400.9
Stanley P. Yoder, Urbana, Ohio (3) (0-0-7)	11	275	11539	3.5	399.2
Estate of Frank Romer, Whitewater, Wis. (4) (0-0-12)	53	316	11323	3.5	398.1
Harvey Hamann, Sheboygan, Wis. (1) (0-0-10)	22	313	11423	3.5	397.2
I. W. Youngquist, Bow, Wash. (16) (0-0-10)	21	317	11594	3.4	396.8
Fagaly Brothers, Fithian, Ill. (2) (0-0-3)	11	314	11870	3.6	396.6
John W. Ruff, Monroe, Wis. (5) (0-0-12)	80	306	11700	3.4	394.2
Herman C. Stichtman, New London, Wis. (18) (0-0-0)	7	290	10835	3.5	383.4
Wisconsin School for the Visually Handicapped, Janesville, Wis. (13) (0-0-6)	19	314	10890	3.6	393.1
C. Richard Abalt, Middletown, Md. (2) (0-0-6)	15	248	10676	3.9	392.4
Oliver Spitze, Edwardsville, Ill. (4) (0-0-9)	16	315	10994	3.6	392.0
Robert W. Gardner, Solon Mills, Ill. (7) (1-0-2)	28	320	11481	3.4	387.6
T. Hobart McVay, Nickerson, Kans. (8) (0-0-4)	19	294	10254	3.7	386.7
Leslie H. Geddes, Winnebago, Ill. (2) (0-0-14)	29	294	10773	3.6	385.8
Wm. W. Phillips, Milford, N. J. (15) (0-0-7)	28	322	10468	3.7	385.6
Monford S. Kelsey, Canastota, N. Y. (4) (0-0-19)	46	290	11499	3.3	380.0
Walter L. Thorp & Thorp Bros., South Coventry, Conn. (2) (0-0-7)	16	300	10584	3.6	380.9
Iseman Bros., Ford City, Pa. (1) (0-0-16)	18	301	10072	3.6	380.0
R. L. Anderson, Whitewater, Wis. (4) (0-0-25)	50	289	11052	3.4	379.9
W. G. Coble, Ashcboro, N. C. (2) (0-0-2)	6	299	11620	3.3	379.2
Rudolf Mueller & Son, Halstead, Kans. (3) (0-0-9)	9	313	10459	3.6	377.4
Richard S. Brown, Skaneateles, N. Y. (2) (0-0-6)	16	304	11241	3.4	376.8
Ernest & Boyd Balle, Janesville, Wis. (4) (0-0-3)	16	296	11551	3.3	375.0
Dorl Farm, Waukesha, Wis. (3) (0-0-2)	30	312	10320	3.6	373.3
State Hospital No. 4, Farmington, Mo. (20) (0-1-21)	87	309	10100	3.7	374.1
State Prison Colony, Norfolk, Mass. (14) (0-0-12)	39	289	10819	3.5	372.6
New Mexico College of A. & M. A., State College, N. Mex. (22) (0-0-15)	32	290	10581	3.6	372.6
Vermont Agricultural Exp. Sta., Burlington, Vt. (31) (0-0-12)	26	289	10067	3.6	367.8
Univ. of Arkansas, Fayetteville, Ark. (20) (0-0-5)	22	300	9680	3.8	364.6
Donald P. Corbett, Waterville, Me. (5) (0-0-15)	28	286	10325	3.5	364.3
F. W. LeGeyt, Sheffield, Mass. (1) (0-0-11)	31	309	9544	3.8	363.6
Warren G. Dennis, Springfield, Me. (2) (0-0-7)	15	304	9445	3.8	363.5
Veterans Home & Hospital Commission, Rocky Hill, Conn. (4) (0-0-13)	48	317	10067	3.4	362.3
John Kimker, Delhi, N. Y. (3) (0-0-4)	49	293	10224	3.5	361.8
J. Mowery Frey, Lancaster, Pa. (4) (0-0-	21	284	9755	3.7	360.7
George A. Schmidt & Vernon A. Miller, Hiladale, Wis. (3) (0-0-1)	15	284	9511	3.8	357.8
Eastern Kentucky State Teachers College, Richmond, Ky. (20) (0-0-6)	30	304	10582	3.4	356.6
L. J. Gardiner, Galena, Ohio (1) (0-0-7)	16	285	10606	3.3	354.4
Jean B. Farrand & Roland H. Shelton, Shelton, Conn. (1) (0-0-1)	13	286	9927	3.6	353.1
J. G. Hays, Howell, Mich. (22) (0-0-5)	10	289	9582	3.7	353.0
Merle U. Severy & Leslie A. Severy, Rochester, Vt. (1) (0-0-2)	6	276	10063	3.5	350.1
Ridder Farm, Inc., Whitman, Mass. (1) (0-0-12)	27	306	9445	3.7	347.7
H. A. Galley, M. D., York, Pa. (2) (0-0-3)	13	314	10249	3.4	345.7
Paul L. Fickel, Earlston, Kans. (1) (0-0-1)	15	293	8588	4.1	343.6
Carm Farms, Inc., Plymouth, Wis. (1) (0-0-4)	90	278	9750	3.5	342.5
Holly Hall Dairy Farms, Elkton, Md. (5) (0-0-7)	10	296	9147	3.7	342.1
John & Steven Sens, Easthampton, Mass. (7) (0-0-10)	34	306	9029	3.7	339.0
The National Agricultural College, Farm School, Pa. (12) (0-0-14)	49	292	9346	3.6	337.4
Dunbar & Middleton Farms, Colfax, Ind. (11) (0-0-8)	34	277	8733	3.9	337.1
Kenneth R. Parrett, Batavia, Iowa (1) (0-0-2)	11	302	8977	3.6	325.9
Marek & Anna Weber, Whitewater, Wis. (4) (1-0-13)	44	277	9856	3.3	322.9
Robert M. Eberle, Berlin Heights, Ohio (3) (0-0-4)	11	313	9723	3.3	319.7
Jim Maverick, San Antonio, Texas (8) (0-0-12)	36	276	9428	3.3	314.3
J. Harold Buck, Ogden, Utah (1) (0-0-1)	10	302	9029	3.5	311.7
Charles W. Cole & Son, Farm No. 1, South Bend, Ind. (5) (0-0-10)	21	264	9822	3.5	311.0
F. A. Weigel, Jr., Knoxville, Tenn. (1) (0-0-2)	27	284	9653	3.4	310.4
Clifford K. & Hazel Gibbs, Fremont, Ohio (4) (0-0-1)	9	289	9504	3.4	310.2
R. W. Clinard, Winston-Salem, N. C. (1) (0-0-2)	13	285	8914	3.5	303.5
U. S. Dairy Station, Mandan, N. Dak. (2) (0-0-4)	27	251	8996	3.4	299.0
Franklin R. Orcutt & Son, South Coventry, Conn. (1) (0-0-0)	5	274	8008	3.5	283.9
F. W. Meare & Son, Haverhill, Mass. (1) (0-0-1)	10	311	8218	3.4	281.8
Billie Wingfield, Ridgeway, Ohio (2) (0-0-9)	18	252	8711	3.2	281.6
Classification 3X-2X					
Charles R. Hope & Son, Purcellville, Va. (2) (2-0-14) 11-3X-35-2X	36	315	13479	3.9	531.7
County of Essex, Cedar Grove, N. J. (17) (1-0-12) (88-3X-1-2X)	89	314	13644	3.8	521.8
McDonogh School, McDonogh, Maryland (19) (0-0-7) (15-3X-21-2X)	37	287	11215	3.6	398.3
Oregon State Farm, Oregon, Wis. (18) (0-1-0) (1-3X-45-2X)	46	304	10212	3.8	384.3

	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Loudon's Dairy Farm, North street, Mich. (2) (2-0-18) (18-3X-3-2X)	21	273	11321	3.4	379.4
Essex County Agricultural School, Hathorne, Mass. (9) (0-0-4) (10-3X-3-2X)	13	304	8821	3.9	362.2
Charles A. Blackwell, Walpole, N. H. (5) (0-0-16) (10-3X-21-2X)	50	307	10482	3.3	349.7
University of Missouri, Columbia, Mo. (22) (0-4-14) (15-3X-31-2X)	40	288	8780	3.7	328.0

* **

Key to numbers in parentheses: (1) (0-0-6)
*Number consecutive years on Herd Test.
**: Number barn cows, cows with damaged udders, and cows 13 years of age and over, omitted from herd average.
2. Cows omitted from herd average by Cancellation of registry certificates.
6. Cows in herd less than 300 days (not figured in herd average).

LEO H. BLANDING, Advanced Registry Dept.

Among the Leaders—

Broad Rock Farms

The Broad Rock herd, built up at Peace Dale, Rhode Island by the late M. A. Gammino and now being carried on by his youngest son, "Young Mike," was recently in the news with the announcement of a herd average of 15,222 lbs. milk, 3.4% 521.1 lbs. fat on 48 head milked 3X and 2X. It was their fifth consecutive year of Herd Test.

Their top cow of the year was Dunloggin Mistress Ruth (E), with 868 lbs. fat from 29,037 lbs. milk, following a record the preceding year of 966 lbs. fat from 30,826 lbs. milk. This sensational daughter of Dunloggin Woodmaster now has a total of 133,616 lbs. milk in five lactations and an average for the five lactations of 855 lbs. fat. Nine others made lactation records above 700 lbs. fat and a good number more above 600 lbs. Mike Gammino writes:

"We have 45 females that have completed at least one and these records average nearly 700 lbs. fat, with 2 over 900 lbs., 12 over 700 lbs., 14 more over 600 lbs. and 14 others over 500 lbs. We have 133 head of which 123 trace to Dunloggin Woodmaster within three generations. Our Herd Classification score is 82.7 on 57 head."

Mr. Gammino reports that they have 10 daughters of Dunloggin Gracious Master in milk, the 13 that have completed records averaging 15419 lbs. milk, 3.64%, 561.5 lbs. fat, at an average age of 2 yrs. 6 mos. They have two more finishing that will about maintain this average and 25 younger ones coming along.

They have two sons of Gracious Master in service, one from North Star Frances Waynette (VG), one who made two records above 790 lbs. fat and is now finishing with about 950 lbs. fat and 4.1%, the other out of Carnation Homestead Violet (1115.7 F.), member of both All-American Gets by Governor of Carnation. Mike Gammino writes:

"Achievement and progress in cattle breeding is the result of good stock and effective management. I feel proud, and justifiably so, I believe, of Broad Rock's record to date. This record has been made possible by the constantly cooperative efforts of the boys in the barn—Marty Cupples, Ezra Sprague and John Bridges—under the very able direction of our herd manager, Bert Henman."

Albert Grover & Son

Albert Grover & Son (546-lb. Average)

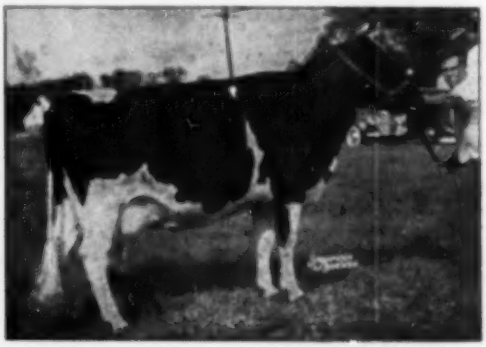
The Registered Holstein herd of Albert Grover and Sons, Galesville, Wisconsin have just completed their HIR testing year with a herd average of 546 lbs. of B.F. on two times a day milking. Their 16 cows averaged 15,136 lbs. of milk with a test of 3.6% test. The top cow in the herd ,Gelmar Segis Chieftain produced 800.4 lbs. B.F. with an average test of 4.2% in 352 days. Last year she produced 705 lbs. B.F. and she is off to a good start on her this year's lactation.

Mr. Grover bought his first Holsteins in 1921. He started testing in the local DHIA in 1924 and has tested continuously since then. In 1932 he purchased his first Registered bull which was of Ormsby breeding and followed by buying a Registered cow of the same breeding in 1933.

In 1940 Mr. Grover helped organize the Trempealeau County Breeders Coop. (This organization later merged with the Vernon Breeders' Coop. to form the Tri-State Breeder's Coop.) One of his proven sires, Sir Prince Aaggie Rag Apple was purchased by the stud. Mr. Grover acted as President of the Trempealeau County Breeders Coop. until the merger in 1947 and has been chairman of the Holstein purchasing committee of Tri-State Breeders Coop. since that time.

In 1944 he purchased a son of Montvic Lochinvar from whom he has several nice daughters, and followed with a grandson of the same bull. In 1947 he bought a son of Montvic Rag Apple Marksman which at present is

DUNLOGGIN MISTRESS RUTH (E)
Famous 966-lb. daughter of Woodmaster, still going strong at Broad Rock Farms.

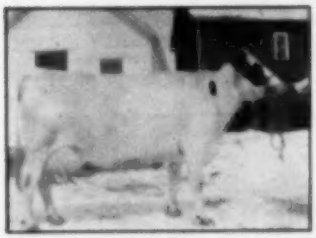


NORTH STAR FRANCES WAYNETTE (VG)
Another Broad Rock matron that is headed for 900 lbs. fat this year.

leased to Tri State Breeder's Coop. His present herd sire is a son of Sovereign.

Mr. Grover's herd has averaged over 400 lbs. B.F. since 1930. Six years ago he started H.I.R. testing and has completed 2 years with over 500 lbs. average. Every cow in their herd at the present time that has finished a lactation has one or more 500 lb. records. Last year his herd was classified and only one cow rated under good plus. The herd average was 85.1. Mr. Grover has also received the Progressive Breeders award for the past two years, and was selected for the outstanding farmer award by the local F.F.A. Chapter in 1945.

—Burton Anstad, DHIA Fieldman and Tim C. Main, County Agr. Agent.



GELMAR SEGIS CHIEFTAIN
Top cow in the herd of Albert Grover & Son, Gatesville, Wisconsin with 800.4 lbs. fat, 4.2% in 352 days, 2X at seven years. She has previous records of 536 lbs. in 341 days at 3 yrs., 643 lbs. in 329 at 3 yrs., 600 lbs. in 327 days 4 years, 762 lbs. in 340 days at 5 yrs.

The Reeds of Kansas

Ernest L. Reed & Sons, Lyons, Kansas, were recently announced as becoming the second high 2X herd in the 16-30 bracket, with the fine average of 584.8 lbs. fat from 15,482 lbs. milk, 3.8%. This was their fourth consecutive year above 500 lbs. and gives them a five-year average on 16 head, strictly 2X, of 14,359 lbs. milk, 3.6%, 518.3 lbs. fat.

In making this 584-lb. average, three members of the herd topped the 700-lb. mark. Thouryma Posch Ormsby Fobes Queen with 727.3 lbs., Collins Farm Man-O-War Helen with 727

MACKSIMUM PEMCO PATSY (G.P.)
First 5 lactations average 601 F. with 3.7%. Now milking 100 lbs. a day.

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Exclusive "Controlled Milking" Features Make the Great New DE LAVAL MAGNETIC SPEEDWAY MILKER the Choice of Good Dairymen Everywhere

• Every day more and more dairymen are coming to realize that only the De Laval Magnetic Speedway Milker gives them a combination of features that completely satisfies their exacting needs.

Only in the De Laval Magnetic Speedway Milker is all possibility of chance, or guesswork on the part of the operator removed. From pump to pail there is positive *automatic* control at every vital point.

First and foremost of De Laval's "Controlled Milking" features is the exclusive De Laval magnetic pulsation control that assures precisely the same milking speed and action day after day, regardless of who operates the milker. The result is highest milk production. *No other milker has this feature.*

Then there is the completely new, one-piece design "Full-Flo" Teat Cup that milks fast and completely with perfect cow comfort. It maintains proper position on teat and *cannot creep or crush.* Nothing could be simpler to assemble, disassemble and clean.

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FOR DE LAVAL-QUALITY MILKING AT LOWER COST

The New De Laval STERLING SPEEDWAY Milker has every "Controlled Milking" feature of the Magnetic Milker except magnetic pulsation control. No other milker of the same type milks better.

IF YOU MILK 10 COWS OR LESS

The New De Laval SPEEDETTE Milker is made especially for you. *Low* in cost, yet of *De Laval quality* throughout. Don't put up with hand-milking drudgery any longer.

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lbs. and Mt. Joseph Marcel with 723.8 lbs. The last named is a daughter of King Arnold K. Posch, a Silver Medal Production Sire with a plus proving of 53 lbs. fat on 492-lb. dams, according to Vol. 6 of the Green Book. This sire, bred by Harry Yates, Orchard Park, N. Y. was selected by Mark Keerney for the St. Joseph Home Farm along with a group of heifers at the Yates Dispersal in 1940 and was leased to the Reeds during the war years. He had four daughters, six granddaughters and two great granddaughters in the producing herd this past year.

Present herd sires are four in number, including Maytag Ormsby Fobes 14th, whose first five daughters to finish average 525 lbs. fat with 4% test as 2-yr-olds. He is a son of Maytag Ormsby Fobes (VG-GM) from a Dictator daughter, the second dam being the 767-lb. full sister to Posch Ormsby Fobes 14th (E.GM).

The other senior sire, Browns Markmaster Posch, is of Canadian breeding, a son of famed Browns Mistress Corrine, the twice Reserve All-American show cow and Minnesota State Champion producer that topped the recent Franlo Dispersal. His sire is a son of Marksman and he is owned jointly with St. Joseph's Home. A son of this sire from a home-bred V.G. dam with 601.6 F. 4.7% at 4 yrs. is

FOR SALE . . .

A MARKSMAN GRANDSON

Born April 2, 1950 (and our oldest un-sold bull), light in color, a grandson of Marksman with a high test background. His dam last year on 2X gave 10231 lbs., 4.61% milk, 472 lbs. fat in 305 days. His sire's dam has 20271 lbs. 4.25% milk, 1117 lbs. fat. Three generations of 100,000-lb. dams behind him. A maternal sister has 19828 lbs. 3.97% milk, 788 lbs. fat at 5 years on 2X.

Priced at $500 delivered express prepaid and guaranteed to be satisfactory to the purchaser.

We also have Yorkshire boars and gilts three months old, priced at $45 delivered, express prepaid.

DOUGLAS HART

WOODSTOCK ONTARIO

"Canada's Leading 100,000-lb. 2X Herd —Where Better Bulls Are Bred."

FOR SALE—

PROVEN P. O. F. 14th SON!

Winterthur Fobes Pilot Alan 960441
5½ years old — gentle — sure.
Proof DHIA-305d-2X-M.E.-6 Pairs:

Dtrs.	**avg.**	**14,567**	**3.5**	**500**
Dams	**avg.**	**11,437**	**3.6**	**411**
Difference		**+3,130**	**—.1**	**+89**

His sire: POSCH ORMSBY FOBES 14th His dam: WINT. PILOT POSCH XALUNA (G.P.). His **Nat. Champion Sr. 2-yr.-old** with 426.4 fat, 3.9%, 305d, 2X; other records to 756 fat, 6% on 2X.

COME SEE THIS PROVEN BULL AND HIS DAUGHTERS AT OUR FARM—we have a small herd, can use him no longer.

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Noted for Type and Production.
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Lowell, Indiana

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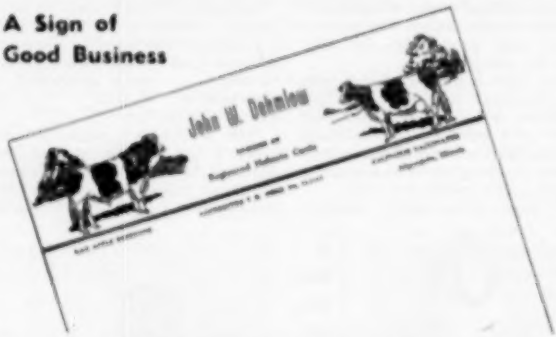

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COLLINS FARM MAN-O-WAR HELEN (GP)
Sr. 3390 2X 16494 M. 3.9% 727 F.
First 3 lactations average 622 F.

MT. JOSEPH MARCEL (GP)
Sr. 3266 2X 18504 M. 3.9% 723.8 F.
First 3 lactations average over 600 F.

THONYMA DICTATOR LILAC (VG)
Sr. 3166 2X 13733 M. 4.7% 601.6 F.
Daughter of Mt Joseph Marcel.

one of the two junior sires, the other being another Canadian, Browns Master Barkis, inbred son of Montvic Rag Apple Master (XXX) from an *Excellent grand champion 859-lb. full sister in blood to Corrine.

The Reed herd has been classified eight times and now consists of 8 VG, 7 GP and 4 G, for an average of 83.55. They have won eight All-Kansas awards.

The herd was established in 1920 by Ernest A. Reed, who later took his two sons into the partnership. Son Edward A. Reed assists his father in the management of the farm and herd, while the younger son, Richard, is finishing his course in Kansas University School of Business. The rather unusual herd prefix, "Thonyma" is a coined word made up from a combination of the middle names of Mr. and Mrs. Ernest Reed. The accompanying pictures tell the story of the herd better than words.

THONYMA POSCH ORMSBY FORES QUEEN (VG)
5Sy 365d 2X 21394 M. 3.4% 727.3 F
Five lactations average over 600 lbs.

THONYMA TRIUNE NINA (VG)
4y 321d 2X 18551 M. 3.2% 600.1 F
5y 316d 2X 17089 M. 3.5% 600.7 F

STEINSHIRE BESSIE TESS (VG)
4y 315d 2X 17195 M. 3.6% 608.2 F

McHENRY COUNTY (ILLINOIS) B & W SHOW

A crowd of several hundred people watched E. E. Ormiston of the Dairy Extension Department judge the show of 86 head at Woodstock, Illinois on July 11. The Danish system was used but the first place winners were also indicated.

Hickory Creek had a majority of the blue ribbons including grand champion cow on Leedora Man-O-War Buckeye Echo and junior champion female on the senior yearling Hickory Creek Princess Amy. The bull championship went to Curtiss Candy Company on Curtiss Candy Invincible.

Other first place blues went to William Wittmus & Son on senior yearling bull; Clanyard Farms on three year old cow, three generations of females and best uddered cow; Marita Thomson on junior heifer calf.

Plaques were donated by business men from McHenry County to the winners of each class and rotating trophies were awarded group winners. John Dehmlow of Algonquin is fieldman for the county Association. The McHenry County group won the district herd class at the state Black and White Show.

Performance—by D. H. I. A.

1949-50—2x

42 Head (22 Mature) — 10,371 — 4.1% — 425.7

Sir Bess Ormsby Fobes Breeding

with

Ormsby Sensation 45th Crescos

On this high producing foundation of intense Ormsby breeding we are mating **Crescent Beauty Admiral Fayne** and **Rainbow Captain Bold 36th.** One-quarter interest in "36th" is owned with Robin Carr, Fowlerville, Mich. "36th's" dam has 785 lbs. fat, 4% at 4y, 2X, and two maternal sisters with 708 and 695 lbs., 2X. His paternal granddam is an Excellent 739-lb. 2X cow, and his maternal granddam is an Excellent 640-lb. 2X cow. ASK US ABOUT BULLS OF THIS BREEDING.

PHILLIPS MAPLE LAWN DAIRY

R. D. 2 — Box 19 BUCKHANNON, W. VA.

HIR — CLASSIFIED — ACCREDITED — CERTIFIED

FOR SALE: DISTINCTION JEWEL COLONY

BULL — Born May 31, 1950

— His Dam —

AR 2-7 365d 2X 15994 4.5 655.1
AR 5-7 306d 2X 15219 4.5 566.0

DISTINCTION JEWEL TYPESETTER

Fresh again with 3rd calf and 1st test period milked 76.2 lbs. milk, 4.897% average test, with 3.83 lbs. of fat, 2X, AR. She is in the pink and should make well over 700 lbs. this year (2X). Daughter of Carnation Typesetter (proven).

The sire of this calf is COLONY GEORGE SIR HEILO, a proven bull with 28 AR daughters that average 492 lbs. fat, 2X, AR, at average age of 2y 4m — all under ordinary farm conditions.

Distinction Jewel Colony is more black than white and a nice straight calf. His full brother, now a year old, is a dandy and is in service in the Tony Hoffman herd at Auburndale, Wis.

Write for full particulars.

JOHN WUETHRICH CREAMERY CO.

GREENWOOD, WISCONSIN

MINNESOTA ANNUAL DHIA REPORT

Extension Dairymen, H. R. Searles, Raymer Leighton and Ralph W. Wayne have collaborated in an excellent annual summary of DHIA work in Minnesota. There were 96 associations completing the year, covering the work of 2,112 herd and 41,235 cows. The state average of 9808 lbs. milk and 351 lbs. fat for this group made a new record for the state.

Various good information is published. One study reports the value of production above feed costs at various levels of production. These start with cows in the range of 125 to 174 lbs. fat averaging 156 lbs. and which the value of production above feed costs was $27. The highest producing group range from 475 to 524 lbs. averaging 498 lbs. and showed a $229 figure of value of produce above feed cost. The report also gives the honorary list of ten year members, also lists of herds of the various breeds doing official testing in AR and Herd Test. We note with interest also that Minnesota had the favorable position of being first in the United States in DHIA reporting lactation records of 1949, with the high average of 74.9%.

The Honor List for each of the 96 associations consisting of herds averaging over 525 lbs. fat requires 51 pages of the report. Leafing these figures we find that 53 of the associations are led by registered Holstein herds, 16 others by herds listed as registered and grade Holsteins, and 20 by grade Holstein herds, a total of 69 herds or 72% of the associations.

Of the 17 herds reported with averages reported above 500 lbs. fat, 11 are registered Holsteins, 3 grade Holsteins, 1 registered and grade Holsteins, and 2 another breed. High average for fat production is the registered Holstein herd of Reuben Schwert, Faribault of which eight cows averaged 570 lbs. fat, 16,157 lbs. milk. The herd of 14 grade Holsteins owned by H. B. Froland, Dawson was highest for milk and second highest for fat with 555 lbs. fat, 17,506 lbs. milk. The registered Holstein herd of Harold Pleadings, Ferndale averaged 533 lbs. fat, 16254 lbs. milk for 17 head. Biggest herd in the state was that of Minnesota State Prison at Stillwater, where 81 registered Holsteins led their association with an average of 461 lbs. fat.

Following this interesting listing comes a list of sires proved from Minnesota DHIA records in 1949 that were alive when proved. Listed also are the bull studs of the state carrying on artificial breeding work under contract with the Purebred Dairy Cattle Association together with a list of the proved sires in service and their proofs.

This well organized booklet makes a most valuable reference work and particularly for Minnesota breeders.

WILLOW SPRINGS CRESCENT SIR ECHO

First in aged bull class at 1948 Illinois State Fair; 2nd ranking 3-year-old at Waterloo, Indianapolis and Michigan State Fair. He and his maternal sister, 2nd prize produce of dam at Indianapolis.

This All-American Nominee Heads OUR HERD

He is a son of the cow we pictured last month when we asked you to take a "peek through the knot hole at her". She is the Excellent Leedora Lady Buckeye Echo with 806.5 of fat. Her daughter, also Excellent, made 819 fat at 3 years.

"Sir Echo" is by a son of Jule King Fobes, and his first daughters are coming into production in our herd and they have udders just the way we like them.

Our first 6HR average—432.2 F., 12,018 M. Our calf barn might have to it just the future breed sire you are looking for.

Rose O'Sharon Farm

MICHAEL BRILL, Owner
Beloit, Wis.

LAWRENCE KEMPER, Mgr.
Sharon, Wis.

E'erdowell Farms

Elmer Nelson, Jamestown, N. Y., has purchased two young bulls from us. One, a son of our Emperor 2d bull, from a Cornell Pride 25th daughter that has several 305-day records of about 500 lbs. fat.

The other is a December son of KINSMAN from Jane's 2-year-old. She has made 10,650 lbs. milk, 3.9%, 414 lbs. fat in 228 days. Our best wishes to Mr. Nelson.

We Plan To Have Several Little KINSMANS At the N. Y. State Fair—

See You There.

RICHARD B. ROSS

GOWANDA, NEW YORK

ACCREDITED – VACCINATED – APPROVED

EVARTS SPEED, JR.

Evarts Speed, Jr., 44, manager of Brown-Forman Distillers Corporation's Grain Department, died May 23 at St. Joseph's Infirmary in Louisville, Ky. He had been ill for sometime following a heart attack several months ago.

Speed joined the Brown-Forman organization in 1944 as an expeditor in the engineering department. Later he was transferred to the grain department where he was in charge of buying grains for the distillery. He also had charge of the sales and promotion of solubles and dried grain, and in this capacity he was widely known among cattle breeders of the country.

Doctor: "Is there any insanity in your family?"

Joe: "Yes, I'm afraid there is. They keep writing me for money."

COMPARING DHIA AND MILK PLANT TESTS

A study by Cornell of records of 100 New York farms for the year, September 1947 through August 1948 compared the butterfat tests at the milk plants with the corresponding monthly DHIA fat tests.

The result showed a difference in the weighted averages of .10%, or a full "point," the DHIA tests being higher than the plant tests by that amount. One cooperative showed plant tests almost completely in agreement with the DHIA tests.

Dr. E. G. Misner who supervised the study has reported on it in detail in a mimeographed bulletin, A E 739 of the New York State College of Agriculture, Ithaca, N. Y. A limited number of copies are available upon request to the Department of Agricultural Economics at the above address.

The figures were so substantial that the New York State Department of Agriculture and Markets cooperated with Cornell in securing additional farm records to expand the study. The records from 616 additional farms were secured in the summer of 1949 and this data is now being analyzed by Dr. Misner.

In the present Bulletin (A E 739) Dr. Misner concludes with several pertinent recommendations to the State Department of Agriculture and Markets. He urges an intensive study of weigh tank sampling at plants. Work at other stations indicates that the shape of the tank and techniques of sampling may cause wide variations, to the disadvantage of the producer. Further studies should be made and definite regulations issued in accordance with the findings.

Misner also suggests consideration of the advisability of eliminating composite samples at plants and replacing them by the testing of fresh milk samples. His figures indicate that this item may account for nearly half of the indicated discrepancy in tests due to the deterioration of samples.

A further recommendation relates to the conduct of DHIA testing. While the Association testers are licensed by the State, he recommends a system of check testing on the work of individual testers and consideration of the expansion of centralized association laboratories where the actual work of testing may be done in assembly line fashion.

The results of the expanded study will be awaited with interest.

Benjamin Franklin began publishing Poor Richard's Almanac in 1732.

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Get new Mastics® *with Streptomycin* and you get the following unusual advantages in the treatment of this disease.

1. Broad coverage—Mastics *with Streptomycin* combine 25,000 units of penicillin "G" with 25,000 mcg. of streptomycin, two proven leaders in mastitis therapy.

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4. Excellent results—92.6% cures authoritatively reported.

5. Easier to insert—Tapering ends dilate the teat opening by easy stages. Smaller diameter and absence of rough edges make insertion painless.

6. Lowest cost—Materials used are well past the expensive developmental stage. Large available supplies mean low cost to you.

Get either Mastics *with Streptomycin* or regular Penicillin Mastics from your veterinarian—no one else is so well qualified to advise you in their use. If he cannot supply you, send us his name and address.

*Issued by Strep. agalactiae, B. coli, Aerobacter aerogenes

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A complete line of stockbreeders supplies. Write for catalog.

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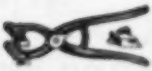

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Ecuador's 4th Holstein Exposition

Ecuador's 4th Holstein Exposition, held at Quito the fore part of June was the best balanced of the four shows that have been held thus far. The cattle, especially the young animals, were of the best type of any previous show and they were better fitted and shown. As usual the audience was large and enthusiastic and from 500 to 100 people were usually crowding the ringside rail.

Approximately 150 registered and 100 grade animals were shown. Dr. J. C. Knott from Washington State College judged the registered animals and M. B. Nichols, Dairy Specialist for the Ecuadorean Agricultural Experiment Station judged the other dairy breeds and the grade Holsteins. The greatest amount of interest centered around the bull classes. This was particularly true of the 3-year-old bull class, which supplied both the grand and reserve grand champions. The same two bulls, had been grand and reserve grand, as two-year-olds, in '49, however, this year the decision was reversed, with Pabst Reburke Regal getting the nod over Waybrook Rag Apple Review. "Regal," owned by Neptali Espinosa had a little better balance, explained Dr. Knott, than did the Pena bull. Knott particularly liked Regal better in the head and legs, however, the Waybrook bull had more stretch. Both bulls were below par on showing, as Regal was lame in the left hind foot (temporary) and Waybrook was fractious and difficult to handle in the ring. The show started off with a good class of bull calves, which was headed by Julio Arteta, El Rancho, with a recently imported son of Spring Farm Sovereign Supreme. In second place was Pablo Guarderas' newly imported Canadian calf, a son of Marksman. Neptali Espinosa has a good calf, a son of the grand champion bull, in third place.

FRAEHOLME SUPREME ILLEBRIS. First prize bull calf and junior champion. This calf, a recently imported son of Spring Farm Sovereign Supreme is owned by Julio Arteta, El Rancho, Machachi, Ecuador

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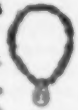

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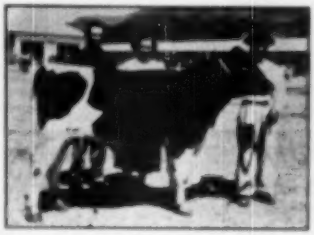
The Arteta calf, a long stretchy, blocky rumped fellow, was made junior champion.

The junior yearling class was also a good one. A son of "Regal," from El Prado (Neptali Espinosa Cayambe) won over Pabst Roamer Dean that Dr. Ricardo Crespo had just imported from Pabst Farms. Knott liked the cleanness, stretch and dairyness of the El Prado calf somewhat better than shown by Roamer son. In addition, the Crespo yearling was criticised for being overconditioned. The Espinosa yearling, a son of Carnation Homestead Lunde Wayne, Ecuador's highest butterfat producer with 592 lbs. (2X 324 days) sold in the sale the latter part of the week for forty-seven thousand sucres (about $3,000). La Avelina won the senior yearling class; Dr. Crespo has both first and second places in the two year old class. El Prado's perennial winner, Carnation Ormsby Selection, again topped the aged bull class, winning over Hays Rag Apple Sport Model, shown by Davalos Brothers.

Females

The best quality milking class was found in the aged cows, which Galo Plaza (La Avelina) dominated. His cow, Ednamead Nell Eva, showing in mature form won her class and was grand champion for the fourth time. This cow, selected as a yearling by Galo Plaza from Edward Holter of Maryland, has just completed a 365 day, 2X record of 12,850 lbs. of milk and 431.6 lbs. of butterfat. El Prado took the two year old class with a small but milky daughter of Pabst Comet. Julio Arteta won a blue ribbon in the three year old class with a good bodied daughter of Carnation Inspiration. Las Cuadras (Augusto Saa) took the four-year-old class.

The quality in the junior female classes was good. The first three



PRADO PABST BURKE LAD.
First prize junior yearling, owned by El Prado (Neptali Espinosa, Cayambe. This yearling sold in the sale the latter part of the week for 47,000 sucres (about $3,000). Shown here are the new buyers, Mr. and Mrs. Marcello Duenas, Cayambe. This bull is sired by Pabst Reburke Regal (grand champion) and out of a daughter of Governor of Carnation—she being Ecuador's highest butterfat producer to date with 592 lbs., 2X in 324 days (4.1%).

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animals in the heifer calf class would have given a good account of themselves in almost any show. A daughter of Spring Farm Sovereign Supreme was first (recently purchased by Luis Stacey from Enrique Moreno). Giving her strong competition was a daughter of the Regal bull from El Prado and in third was a long stretchy heifer that Cesar Pena had recently imported from Rube Everly.

La Avelina took the junior yearling class with a homebred daughter of Hallrose Bellboy. She was pushed in this class by two good Canadian imported heifers owned by Cesar Pena and Pablo Guarderas. Cesar Pena won the senior yearling class quite handily with a large, black daughter of Vernway Madcap Leader that had recently been imported from the state of Washington. This heifer, Rossiebelle Madcap Mollie was made junior and reserve grand champion.

La Avelina captured the get of sire class with four good producing Maryland bred cows—all daughters of Royal Creator Ormsby. In second place was a very attractive young get shown by El Prado—the progeny of Pabst Reburke Regal, the grand champion bull.

In the sale which was held following the show, about 150 grade and registered Holsteins were sold. The registered animals, according to Cesar Pena, Treasurer of the Holstein Association, averaged 12,000 sucres (about $720.00). Most of the purebreds sold were yearlings, calves, unfreshened two-year-olds, and young bulls.

(This report was sent us by Dr. Knott, in collaboration with Mr. Nichols).

EDNAMEAD NELL EVA
Grand champion cow, 1950 Holstein Exposition, Ecuador. Owned by La-Avelina (Gielo Plaza). Eva has just completed a 365 day, 2X record of 12,-650 lbs. milk, 431.6 lbs. butterfat.

Son in college was applying pressure for more money from home.

"I can not understand why you call yourself a kind father," he wrote his dad, "when you haven't sent me a check for three weeks. What kind of kindness do you call that?"

"That's unremitting kindness," wrote the father in his next letter.

NORTH CENTRAL INDIANA BLACK & WHITE SHOW

The North Central Indiana Holstein Club Black and White Show was held last Saturday, June 24th, at the Fulton County 4-H fairgrounds at Rochester.

Twenty breeders brought out 58 head of high quality Holstein cows and heifers for judge Carrol Thompson, Floral Vocational Agricultural teacher, to place.

Senior and Grand Championship ribbons went to John A. Newman & Sons, Culver, on their first prize three year old, Culver Eden Paul Violet.

Judy Rosenbury, Rochester 4-H girl, won the Junior Champion ribbon on her senior heifer calf, Minnow Creek Ideal Rose.

A trophy presented by Belle Vernon Milk Co. of Peru for the Best Udder of the show was won by the nine year old matron, K. & S. Homestead Prilly Pansy from the Scott & Fortna herd of Rochester. This trophy was presented to Mr. Fortna by Mr. Gambee, Peru, a representative of the milk company. This cow also won the blue for Mr. Fortuna in the aged cow class.

Claude Newman, Culver, and Herbert & Keith Warner, Rochester, also exhibited blue ribbon winners.

—J. Allen Newman, Secretary

ELKHART COUNTY DAIRY SHOW

Thursday August 3 is Holstein Day at the Ninth Annual Elkhart County Dairy Show at the Fairgrounds at Goshen, Indiana. C. B. Smith, Williamston, Michigan is the Holstein judge.

For the past several years this Elkhart County show has been the outstanding dairy event of the state next to the state fair. Holstein day has been one of the most important events both in the size of the crowd and number of cattle exhibited—the 1949 show drawing close to 1000 people and 180 Holsteins exhibited.

Four days of the show are devoted to the four dairy breeds. There are no cash prizes, just ribbons and banners and trophies, the breeders showing for the good fellowship they enjoy. Arthur F. Howard is dairy agent of Elkhart County.

A patient complained to the doctor that his hair was coming out.

"Won't you give me something to keep it in?"

"Take this," the doctor said kindly, and he handed the patient a pill box.

Howard C. Barker

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"No, you have to take this lady," said the manager, showing a picture of a gray-haired woman of 65.

"Why do I have to take her?" thundered the labor leader.

"She," said the manager, "has seniority."

It Wasn't There

Professor's wife—"Do you know that you forgot your umbrella this morning?"

Professor—"Yes, I remembered that I forgot it when I raised my hand to close it after it stopped raining."

Two Critics

Two commuters were discussing the merits of television. One, in a firm and decisive tone, remarked that the new medium was a "time waster and in the experimental stage."

The other after a long thoughtful pause, halted the discussion with "I haven't got a set, either."

Hide-and-Seek

Two seven-year-old youngsters in Quincy, Massachusetts, reported missing in a vast marshland area, were found several hours later cheerfully helping a searching party looking for "two lost kids."

Some Party

Guest (toward the end of a cocktail party): "I certainly feel a lot more like I do now than when I came in."

"Aren't you the waitress who took my order?"

"Yes I am."

"How did you enjoy your vacation?"

Needs Transfusion

Two friends met on Main Street. "Hello," said the first. "You look nice and tanned. Just get back from Florida?"

"Yes," answered the other, "and did we have a great time! For forty dollars a day we stayed at the Roney Plasma."

"You mean Roney Plaza. Plasma is blood."

"Well," countered the first, "is forty dollars a day barley water?"

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Hedge Adean Misku	2	2	3	365	16447	4.4	727.6
Hedge Adean Miss Miller	2	1	3	365	15571	3.9	601.8
Hedge Adean Asterka	2	2	3	365	15482	3.8	588.3
Hedge Adean Jewel	2	1	3	365	17276	3.4	654.4
Hedge Adean Varet	2	2	3	365	13546	3.9	522.8
Hedge Adean Fittie	2	2	3	365	12854	4.1	526.1
Hedge Adean Spice	2	3	3	365	14016	3.5	491.7
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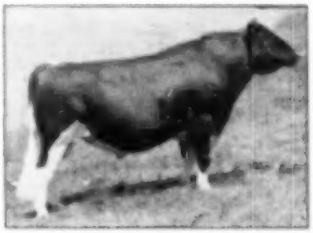
Hedge Adean Orah	3	1	3	365	19428	3.8	566.8
Hedge Adean Syner	3	2	3	365	15047	4.0	606.0
Hedge Adean Adantha	3	3	3	365	20407	3.5	718.1
Hedge Adean Pola	7	2	3	365	12062	4.0	501.7
Hedge Adean Clove	2	4	3	365	15939	4.4	720.8
Hedge Adean Indian	1	9	3	365	16857	4.1	688.0
Hedge Adean Better	2	2	3	365	11348	4.1	470.6
Hedge Adean Lillian	3	3	3	305	11118	4.0	449.8
Tested at Cushman Farm, Hopewell Junction, N. Y.							
Hedge Adean Isabel	2	6	3	326	14868	3.9	582.5
Tested at Butterfly Farms, Mexico, N. Y.							
Hedge Adean Charming	2	4	3	365	16245	4.0	649.2
Hedge Adean Olantha	3	—	3	365	16858	4.0	669.9



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The Veediction daughters surpass individually the daughters of any sire we have previously used. Their milk production is heavy and every daughter to date tests 4.2% or over.

The Barney daughters, large in size, are right with the Veedictions in type and greatly resemble Barney's dam, Lily Belle Posch, a wonderful cow. The first Barney daughter is now making nearly 3 lbs. of fat a day as a 2-year-old.

A. R. RECORDS

The A R test strings are full—and more and more Veedictions and Barneys keep coming on. A Montvic Chieftain 7th daughter is doing more than her bit, and in a couple of months we will be able to give you some sensational figures on her. Montvic Lochinvar has several on test promising some interesting records, one is milking close to 100 lbs. a day now. Testmoe Montvic Chieftain's daughters are doing especially well; at least three will go over 600 lbs. fat, perhaps even a fourth.

SHOW WINNINGS

A show herd went up to Oswego County Fair and several "blues" were awarded by the judge, Paul Dean of Cornell University. Knollwood May Apple Alma was 1st prize Aged Cow, Senior and Grand Champion. "May Alma" is a daughter of Montvic Chieftain 7th. She is full sister to the dam of the $6,100 Veediction daughter that Mr. J. S. Johnson, Oldwick, N. J., purchased in the 1950 National Sale. The Maine Artificial Breeding Coop., Vassalboro, Maine, paid $2,400 for their son of "May Alma" by Murlyn Montvic Chieftain, and Mr. Harry Downton, Starrucca, Pa., owns "May Alma's" son by Montvic Lochinvar.

Grand Champion Show Cow

KNOLLWOOD MAY APPLE ALMA
(Showing Dry)
365d 7y 5X 18501 M. 4.6% 621.4 F.
365d 3 1/12y 3X 11938 M. 4.5% 532.7 F.

Other winners at the fair included a Veediction daughter that was 1st prize 3-year-old and led off the first prize Veediction Get of Sire; the first prize Junior Yearling Bull, by Barney, and the first prize Heifer Calf, who is also a daughter of Barney and a full sister to John Stumpf's herd sire at Lancaster, Pa.

ANOTHER HERD SIRE — AND A GOOD ONE!

Our dark horse herd sire, Pebble Beach Chloe Chieftain, proven and all Montvic Chieftain 7th bred, is really siring them nice. A son was 1st Bull Calf, Junior and Grand Champion at the Oswego County Fair selling the next week for $825, the top individual price of the August Earlville Sale. This prize winner went to Mr. Sharon Mauhs, Cobleskill, N. Y., who has a Montvic Lochinvar son that is siring great production with better than 4% test. Mail bids were made on this young bull from as far as Minnesota.

FAITH IN THE FUTURE

We are convinced that our herd sires are sound and that the breeding program of mating Veediction, Barney and the Chloe bull to our Chieftain 7th, Lochinvar and Posch females is truly bearing rich fruit, with much of the best still in the future.

SATISFACTION OF BREEDING HOLSTEIN CATTLE

This is a business where no one can say there is nothing new under the sun. There is something new every time a mating is planned, a calf born, or a record broken. It's fascination is surpassed by none and the satisfaction derived is the real pay-off.

BUTTERFLY FARM

R. AUSTIN & JAY W. BACKUS
Owners

MEXICO, NEW YORK

GILBERT WELCH
Herdsman